



HALO Recessed Lighting



HALO Home Collection

HALO Home is a flexible new approach to smart home lighting. Our system offers a range of Bluetooth fixtures, controls and accessories that work seamlessly together. From a single light to an entire home, your smart lighting search starts and ends here.

HALO Home app

Our user-friendly mobile app lets you control lighting from your fingertips, and from anywhere in the world (with the optional Smart Internet Access Bridge). Available for iOS and Android, it features dimming, adjustable white tuning, grouping, automatic scheduling and more.









Flexible and scalable

HALO Home is a simple and flexible connected option, with the ability to install as little as one smart light or scale up to control the entire home through the easy-to-use HALO Home app.





Voice control compatible

Customize your home lighting with with anywhere in the world access and voice control. HALO Home is compatible with Amazon Alexa and Google Assistant products, when paired with the optional Smart Internet Access Bridge.



Adjustable white tuning

Select the perfect color for your mood and beautifully complement your home. The HALO Home smart lighting fixtures provide the ability to adjust color temperatures from 2700K (warm white) to 5000K (daylight).



LED Products

ML56 Collection

Halo ML56 LED downlight collection is comprised of LED modules with 5" and 6" trims. ML56 LED modules are offered in three lumen packages across the 600, 900, and 1200 Series - a versatile collection of energy-efficient LED downlights for general lighting in commercial and residential applications. The ML56 LED 600, 900, 1200 Series modules are designed for either new construction or retrofitting existing 5" and 6" compatible housings (Edison screw base adapter included). Halo LED ML56 Collection features excellent color in 90 CRI (90 CRI is R9 > 50), and offers a wide selection of color temperatures (2700K, 3000K, 3500K and 4000K). Halo LED is ENERGY STAR® certified and can be used for California Title 24 and IECC High Efficacy compliance with designated LED modules and LED trims.



ML4 Collection

The ML4 system is comprised of a housing, LED module, and round or square 2-inch aperture pinhole trims. This compact assembly installs from below the ceiling in standard 4-inch line voltage housings suitable for 2x6 residential framing or shallow plenum commercial construction.

For even tighter spacing an ultra-shallow install from below housing is available and is suitable for 2x4 framing. For ceiling types that make recessed lighting difficult, like concrete pour, round and surface cylinders support direct attachment to finished ceiling surfaces.

Although diminutive in size the up to 1200 lumen series ML4 delivers powerful beams of light providing the optical control and color quality typically associated with low voltage tungsten-halogen MR16 lamps. Delivered center beam candlepower (CBCP) of ML4 LED exceeds 50W low voltage MR16 lamps with significantly higher candela per watt (Cd/W).



LED Products

RL Collection

Halo RL series is a complete 4" and 5"/6" LED baffle-trim module for recessed downlights. The RL series is designed for use in new construction, remodel and retrofit installation in Halo and other compatible 4", 5" and 6" recessed downlight housings. The integral LED driver offers 120 volt dimming capability. RL4 is offered in 600 lumen, and 600 and 900 lumens on the field selectable. RL56 is offered in 600, 900 and 1200 lumen series. RL is ENERGY STAR® certified and can be used for California Title 24 (Title 20 Certified for residential compliance), and IECC High Efficacy compliance with designated LED modules and LED trims. RL models in 90 CRI (90 CRI is R9 > 50), are offered in 2700K, 3000K, 3500K, 4000K and 5000K or field selectable color temperature models. Optional accessories include designer trims in white (paintable), satin nickel, and tuscan bronze.

RA Collection

Halo RA LED is a complete 4" and 5"/6" adjustable gimbal LED module; suitable for new construction, remodel and retrofit installation in Halo and other compatible 4", 5" and 6" recessed downlight housings. The RA adjustable gimbal offers 35-degree tilt and up to 360-degree rotation. The integral LED driver offers 120 volt dimming capability. RA4 and RA56 is ENERGY STAR® certified and can be used for California Title 24 (Title 20 Certified for residential compliance), and IECC High Efficacy compliance with designated LED modules and LED trims. The RA4 and RA56 adjustable gimbals are offered with 90 CRI (R9 > 50), in 2700K and 3000K or field selectable color temperature models; and with beam spread options in Very Wide Flood (VWFL) and Narrow Flood (NFL) models.





LED Products

HL6 AllSlope Collection

Featuring unique interchangeable beam-forming optics, full range dimming and multiple color temperatures and trim options, the Halo HL6 AllSlope LED 6" downlight system is specifically designed for slope ceiling applications with pitch aiming from 2/12 (10 degrees) to 12/12 (45 degrees). The innovative design allows the LED light engine full adjustment capability so it can be aimed straight down in accordance with the ceiling pitch, resulting in outstanding performance and appearance. The three piece system consists of a 6-inch aperture housing, available in 1200 lumen series or 1800 lumen series; LED light engines are offered with 90 CRI (R9 > 50), in 2700K, 3000K, 3500K, 4000K; and available with three interchangeable optics. The trim selection is from a full line of slope ceiling trims including reflectors, baffles and lens choices. AllSlope is ENERGY STAR® certified and can be used for California Title 24 (Title 20 Certified for residential compliance), and IECC High Efficacy compliance with designated LED modules and LED trims.

The high-efficiency, energy-saving solution provides up to 73% in energy savings with virtually no maintenance.

SLD Collection

Halo Surface LED downlight (SLD) incorporates WaveStream™ technology to create an ultra-low profile 4" and 6" surface mounting luminaire with the performance and look of a traditional downlight. SLD is designed for installation in many square, octagon, or round junction boxes. Supply wire adapter with LED guick wiring connector included. Suitable for residential or commercial installations. Ideal for closets, storage areas, attics and basements. When used in 4", 5" and 6" recessed downlights, the included retrofit kit's dedicated LED wiring connector meets high efficacy code requirements. The SLD is ENERGY STAR® certified and can be used for California Title 24, and IECC High Efficacy compliance with designated products. SLD is available in SLD4, SLD6-600 lumen series and SLD6-1200 lumen series. SLD models in 90 CRI (90CRI is R9 > 50), are offered in 2700K, 3000K, 3500K, 4000K. Optional accessories include designer trims in white (paintable), satin nickel, and tuscan bronze.





LED Products

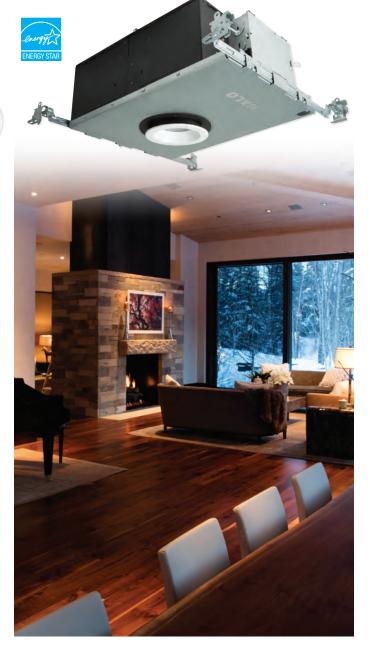
MicroEdge™ - HLB/HLA Collection

The MicroEdge series is made up of the HLB ultra-thin LED lens downlight and HLA adjustable. Both are powered by a remote driver / junction box ideal for new construction and renovation work. Simplified installation in drywall or suspended ceilings eliminates recessed cans saving time and money. Both the HLB and HLA can install from below the ceiling in as little as a 1-1/2" plenum height and can be used in direct contact with insulation and is airtight. Distribution patterns work well in low to medium ceiling heights, applications are virtually universal including living and dining areas, bedrooms, closets, hallways, bathrooms, kitchens, basements, soffits, entryways and porches.

HL3 Collection

Halo now offers a complete family of 3-inch LED recessed downlights ideal for your next demanding project. Choose from round or square apertures available in broad range of trim styles and optical distributions meeting demanding architectural factors including ceiling height, square footage and fixture spacing criteria.

Trims are available in a range of finishes to match many décors. Magnets pulls trims tight to the ceiling eliminating gaps and light leaks. Trims maybe installed rimless with a true knife-edge interface creating a quiet ceiling appearance. Symmetrical trims can be used for both general area and accent lighting creating a consistent visual appearance.



LED Products

E44 Collection

A family of 4-inch housings and trims optimized for use with LED lamps delivering longer life and energy savings. The ultra-shallow housings are available in new construction and remodel types suitable for 2x4 framing or shallow plenum installation. The compact plaster frame with repositionable junction box fits in tight spacing.

The line voltage housings with GU10 base are available in 10 or 20 watt ratings and can be used with LED or halogen lamp types. The low voltage housings with Gx5.3 base and integral 120/277V step down transformer is rated at 10 watts maximum, ideal for use with LED MR16 lamps.

Trims are also optimized for use with LED lamps and are available in round and square apertures in a range of finishes to match many decors. The E44 round and square pinhole trims match the appearance of the ML4 series allowing lamp and light engine based solutions to be combined while maintaining a consistent look.



SMD Collection

The Halo Surface Mount LED Downlight (SMD) is an ultra-low profile surface mounting luminaire with a modern look and high performance. SMD4 (4") and SMD6 (6") are designed for installation in recessed housings and many 3-1/2" and 4" square, octagon, or round junction boxes. Supply wire adapter with LED quick wiring connector included. Suitable for residential or commercial installations. Ideal for closets, storage areas, attics and basements. The SMD4 and SMD6 may also retrofit in a 4" or 5" and 6" aperture IC and Non-IC recessed housings. Dedicated LED wiring connector meets high efficacy code requirement when used in recessed downlighting. Suitable for use in clothes closets when installed with NEC® 410.16 spacing requirements. The SMD series offers modern and elegant stylings with exceptional value.

The SMD4 and SMD6 series also offers a direct mount (DM) version which can be installed directly into the ceiling with no additional junction box or housing required. Utilizing the integral Halo enclosure, this version of the SMD provides a quick installation and flush finish with the ceiling.





The SeleCCTable technology puts flexibility at your customers fingertips by allowing them to choose from a range of color temperatures 2700K-5000K and adjust with the switch located on the fixture allowing you to complete jobs faster and with fewer callbacks.



RL4/RL56 LED Baffle Trim 2700K - 5000K



HLB4 / HLB6 LED Direct Mount 2700K - 5000K



BLD4 / BLD6 LED Surface Mount 2700K - 5000K



RL4-DM / RL6-DM LED Direct Mount 2700K - 5000K



HLBS4 / HLBS6 LED Direct Mount 2700K - 5000K



RA4/RA56 LED Gimbal Module 2700K - 5000K



RSQ4 / RSQ5 / RSQ6 LED Square 2700K - 5000K



LED Surface Mount 3000K, 4000K, 5000K

Insulated Ceiling (IC)



Insulated Ceiling type (IC) rated luminaires are tested to UL 1598 standards for installation with blown-in or batting-type dry insulation materials. This allows the insulation layer to remain unbroken and prevent heating and air conditioning losses. These housings are also equipped with thermal protectors to guard against overlamping by cycling the lamp off and on until the problem is corrected.

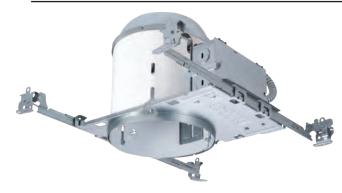
The blown-in or batting-type dry insulation allows convective heat transfer away from the recessed light fixture, and allows direct access to the luminaire for inspection and servicing. Type IC luminaires are not for use in direct contact with spray-in foam insulation. Spray-in foams should be kept 3" from all sides of recessed luminaires. Alternate installation when spray-in foam is used, might include but not be limited to, wrapping the luminaire in fiberglass batting to maintain energy efficiency while preserving access to the luminaire. Refer to National Electrical Manufacturing Association document: NEMA LSD57-2013, "Polyurethane Foam Application: Lighting Equipment."

Air-Tite[™] (AT)



- · Air-Tite fixtures are designed to reduce airflow between heated or air conditioned spaces and unconditioned areas
- Standard recessed housings may allow up to 5.0 cubic ft. per minute of air leakage to escape into unconditioned spaces
- Air-Tite fixtures reduce this leakage by sealing air pathways
- · Air-Tite fixtures may be IC for use in insulated ceilings or they may be Non-IC for non-insulated ceilings
- When an IC housing is Air-Tite that combination meets California Title 24 residential compliance
- Other state energy building codes now have restricted airflow requirements for recessed lighting fixtures
- · Air-Tite fixtures are test certified to the American Society for testing and materials procedure ASTM E283 as having an air leakage rate not more than 2.0 cfm (0.944 L/s) when tested at a 1.57 psf (75 Pa) pressure differential
- Additional benefits include: Savings in HVAC bills, preventing moisture damage to attic areas, reduced sound transmission between floors, and eliminating drafts for greater comfort

"T" Housing – Non-Insulated Ceiling (Non-IC)



Type (T) thermally protected housings (Non-IC) are designed for use in non-insulated ceilings. When installed in a ceiling with insulation, the insulation must be kept 3" from all sides of the unit and there must be a least 1/2" clearance from the top of the fixture to any ceiling material. The integral thermal protector or insulation detector on Halo recessed fixtures provides positive protection against misuse of ceiling insulation and overlamping by cycling the lamp on and off until the problem is corrected. Halo fixtures with ballasts or drivers are thermally protected in the unit. To meet specific municipal standards, many fixtures in this category carry an "IP" rating.

Types of Housings

Small Aperture - 3" and 4"



Small aperture 3" and 4" housings are well suited for task and accent lighting especially over counters and in display areas. And 4" housings are increasingly used for general lighting with a trim providing for wide beam distribution, in conjunction with an appropriate lighting layout. Small aperture housings are available in Insulated Ceiling (IC), Non-Insulated Ceiling (T) / (Non-IC), and Air-Tite (AT) models.

Remodel



Remodel housings simplify installation when fixtures need to be added to existing ceilings. They can be installed from below in existing ceilings by cutting a precise hole, bringing power to the fixture and installing the housing. The spring clips or speed clamps lock the fixture in place. The integral thermal protector provides positive protection against overlamping. Housings are available in Insulated Ceiling (IC), Non-Insulated Ceiling (Non-IC), Air-Tite (AT) and shallow models.

Shallow Housing



Shallow housings are designed to solve installation problems where lower joist construction is used in the ceiling. These housings accept a wide variety of trims for different lighting effects. Shallow housings are available in Insulated Ceiling (IC), Non-Insulated Ceiling (T) / (Non-IC), and Air-Tite (AT) models.

Slope Ceiling



Slope or "cathedral" type ceilings require special housings to keep the lamp aimed straight down rather than following the slope of the ceiling. A lamp aiming mechanism in these fixtures allows the lamp to be aimed vertically in sloped ceilings. Ceiling pitch is measured from 2/12 to 12/12 (the first number refers to the amount of "drop" per 12 inches of horizontal measurement).

A built-in slope indicator provides quick and consistent lamp settings (factory set for 3/12 slope). Halo offers slope ceiling fixtures for incandescent lamps and for LED the HL6 AllSlope series. Slope ceiling housings are available in Insulated Ceiling (IC), Non-Insulated Ceiling (T) / (Non-IC), and Air-Tite (AT) models.



4" Remodel



H3 (3"), H99/H1499 & H4 (4") Housing Installation Features

Patented Got Nail!™ Hanger Bracket

- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams
- Safety and guidance system prevents nail snagging, ensures smooth straight nail enetration and allows bar hangers to be easily removed if necessary
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails
- · Five additional mounting points
- · Mounting point on top for hanger wire connection
- · Integral T-bar clips snaps onto T-bars no additional clips required

Patented Pass-N-Thru™ Bars

- Pass-N-Thru™ allows the bars to pass through each other for tool-less shortening in tight spots less than 12" without removing from the plaster frame. Push bars together and flex at score lines until excess can be removed
 - Pass-N-Thru
- Housing positions at any point within 24" joist span
- Bar hangers may be repositioned 90° on the frame on select housings
- (1) Locking screw and multiple crimp points on plaster frame secure bars in place

Patented Slide-N-Side™ Junction Box

(3) Slide-N-Side™ wire traps allow non-metallic (NM) sheathed cable to be installed without tools or without removing knockouts

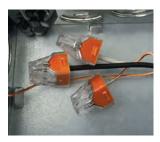


- Allows wiring connections to be made outside the junction box
- Simply insert the cable directly into the trap after connections are made
- Accommodates the following standard non-metallic (NM) sheathed cable types for both U.S. and Canada: (US) #14/2, #14/3, #12/2, #12/3 (Canada) #14/2, #14/3, #12/2
- (7) 1/2" conduit pry-outs positioned to accommodate straight conduit runs [(4) 1/2" conduit pry-outs in Non-IC housing]
- cULus Listed 24 in³ box volume, listed for through-branch (8) No. 12 AWG branch circuit 90° C conductors through the box

4 Quick Connect™ Push Wire Nuts

- (3) 4-Port push-in wire nuts included
- Speeds installation and increases reliability
- Simply strip and insert supply wires
- No additional wire nuts required

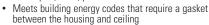






5 Air-Tite[™] Code Compliant

- H3 & H4 Housings feature a pre-installed gasket in an Air-Tite housing that limits airflow between unconditioned areas and conditioned spaces
- Standard recessed housings may allow up to 5.0 cubic ft. per minute of air leakage into unconditioned spaces
- Air-Tite fixtures are test certified to the American Society for Testing and Materials procedure ASTM E283 as having an air leakage rate not more than 2.0 cfm (0.944 L/s) when tested at a 1.57 psf (75 Pa) pressure differential



Additional benefits include: Savings in HVAC bills, preventing moisture damage to attic areas, reduced sound transmission between floors, and eliminating drafts for greater comfort

Remodel Junction Boxes*

H99/H1499 Series

- (7) 1/2" conduit (flex) pry-outs
- (4) Non-metallic (NM) cable pryouts
- · Allow metallic and non-metallic sheathed cable to be installed
- cULus Listed 12 in³ box volume, listed for (4) No. 12 AWG through branch circuit 90° C conductors

H3 Series

- (3) 1/2" conduit (flex) pry-outs
- cULus Listed 9.6 in³ box volume, listed for (4) No. 12 AWG through branch circuit 90° C conductors
- (3) Slide-N-Side[™] wire traps allow non-metallic (NM) sheathed cable to be installed without tools or without removing knockouts.

H4 Series

LED remodels - See bullet 3

Remodel Springs

- (4) Remodel spring clips secure housing to finished ceiling
- Allow installation in standard 1/2" and 5/8" ceiling material

Remodel Single-Arm Design

H99/H1499 Series

Single arm design allows box to pass through the ceiling aperture



H3 Series

- "Boat-shaped" remodel plate passes through the ceiling aperture to sit flat on ceiling
- Inner can passes through remodel plate and is secured with tab locks

Remodel Flange

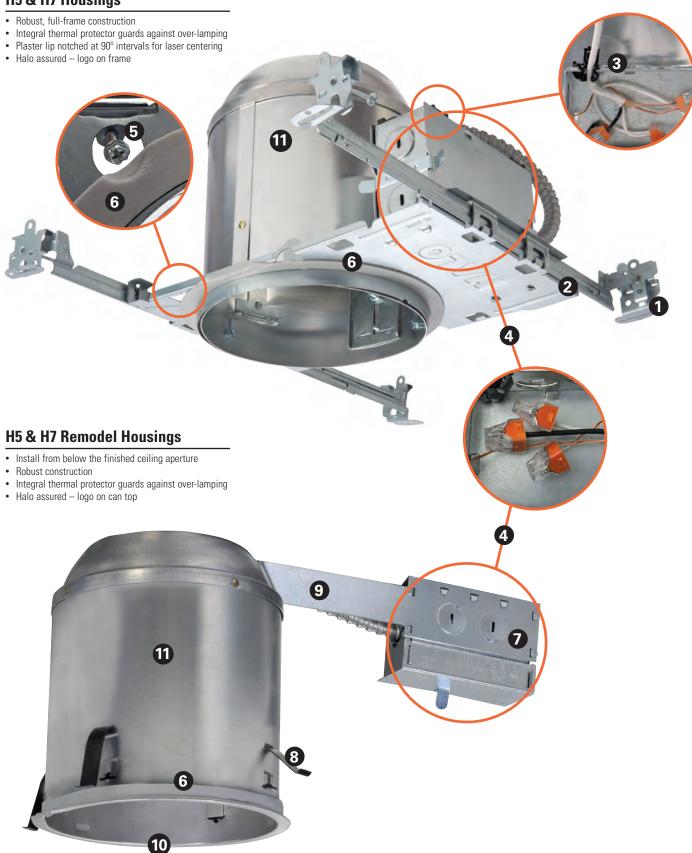
Integral flange secures fixture against the ceiling

O cULus Listed

- UI 1598 Luminaires
- Designed and manufactured to Underwriters Laboratories Standard for Safety – UL1598
- Luminaires additionally comply with National Electric Code (NEC), NFPA70



H5 & H7 Housings



H5 (5") & H7 (6") Housing Installation Features

1 Patented Got Nail!™ Hanger Bracket

- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams
- Safety and guidance system prevents nail snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary
- · Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails
- · Five additional mounting points
- · Mounting point on top for hanger wire connection
- · Integral T-bar clips snaps onto T-bars no additional clips required

Patented q-Channel Bars with Pass-N-Thru™

- q-Channel bars feature an unique inverted "q" interlocking channel for rigidity and stability
- Pass-N-Thru[™] allows the bars to pass through each other for tool-less shortening in tight spots less than 12" without removing from the plaster frame. Push bars together and flex at score hole break points
- · Housing positions at any point within 24" joist span
- Bar hangers may be repositioned 90° on the frame on select housings





Patented Slide-N-Side™ Junction Box

- · Full-size junction box
- (3) Slide-N-Side™ wire traps allow non-metallic (NM) sheathed cable to be installed without tools or without removing knockouts



- Allows wiring connections to be made outside the junction box
- Simply insert the cable directly into the trap after connections are made
- Accommodates the following standard non-metallic (NM) sheathed cable types for both U.S. and Canada: (US) #14/2, #14/3, #12/2, #12/3 (Canada) #14/2, #14/3, #12/2
- (7) 1/2" conduit pry-outs accommodate straight conduit runs
- cULus Listed 26 in³ box volume, listed for through-branch (8) No. 12 AWG branch circuit 90° C conductors through the box

4 Quick Connect™ Push Wire Nuts

- (3) 4-Port push-in wire nuts included
- · Speeds installation and increases reliability
- · Simply strip and insert supply wires
- · No additional wire nuts required



5 Universal Locking Screw

. (1) Locking screws accessible from below the ceiling

Specifications, compliances and dimensions subject to change without notice

- Universal screw head (hex, slot or Phillips)
- (6) Additional bar crimping points

6 Air-Tite[™] Code Compliant

- H5 & H7 housings feature a pre-installed gasket in an Air-Tite housing that limits airflow between unconditioned areas and conditioned spaces
- Standard recessed housings may allow up to 5.0 cubic ft. per minute of air leakage into unconditioned spaces
- Air-Tite fixtures are test certified to the American Society for Testing and Materials procedure ASTM E283 as having an air leakage rate not more than 2.0 cfm (0.944 L/s) when tested at a 1.57 psf (75 Pa) pressure differential
- Meets codes that require a gasket between a recessed housing and ceiling. Additional benefits include: Savings in HVAC bills, preventing moisture damage to attic areas, reduced sound transmission between floors, and eliminating drafts for greater comfort.
- Gasket GA-ATH5-6PK and GA-ATH7-6PK are available for covering gaps on the finished ceiling aperture (See specialty products and accessories section)

Remodel Junction Box - Full Access

- Full-size remodel junction box
- (7) 1/2" conduit (flex) pry-outs
- (4) Non-Metallic (NM) cable pryouts
- Allow metallic and non-metallic sheathed cable to be installed
- cULus Listed 17 in³ box volume, listed for (4) No. 12 AWG through branch circuit 90° C conductors

8 Remodel Springs

- (4) Remodel spring clips secure housing to finished ceiling
- Allow installation in standard 1/2" and 5/8" ceiling material

9 Remodel Single-Arm Design

- Single arm design allows box to pass through the ceiling aperture
- · Flexible arm can bend or flex side-to-side around obstructions

Remodel Flange

Integral flange secures fixture against the ceiling

cULus Listed

- Designed and manufactured to Underwriters Laboratories Standard for Safety – UL 1598
- Luminaires additionally comply with National Electric Code (NEC), NFPA70



E5 & E7 Housings



E5 (5") & E7 (6") Housing Installation Features

Patented All-Nail™ Hanger Bracket

- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams
- Mini foot levelling flange aligns the housing to the bottom of the joist
- Integral T-bar clip snaps on to T-bars
 no additional clips are required
- Additional screw points provided for securing to grid where required by code



2 Patented q-Channel Bars with Pass-N-Thru™

- q-Channel bars feature an unique inverted "q" interlocking channel for rigidity and stability
- Housing positions at any point within 24" joist span
- Pass-N-Thru[™] allows the bars to pass through each other for tool-less shortening in tight spots less than 12" without removing from the plaster frame. Push bars together and flex at score hole break points
- Bar hangers need not be removed from frame for shortening





HINGED

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Slide-N-Side

3 Patented Repositionable J-Box with Slide-N-Side™

- · Hinged and captive door for easy access
- Repositionable J-box can be moved to alternate side of frame to avoid obstructions
- (4) Slide-N-Side[™] wire traps allow non-metallic (NM) sheathed cable to be installed without tools or removing knockouts
 - Allows wiring connections to be made outside the junction box
 - Simply insert the cable directly into the trap after connections are made
 - Accommodates the following standard non-metallic (NM) sheathed cable types for both U.S. and Canada: (US) #14/2, #14/3, #12/2, #12/3 (Canada) #14/2, #14/3, #12/2
- (4) 1/2" conduit pry-outs
- cULus Listed Compact 16 in³ box volume, listed for maximum (10) No. 12 AWG or (14) No. 14 AWG 90° C splice conductors in box

4A Quick Connect™ Push Wire Nuts

- (3) 4-Port push-in wire nuts included
- · Speeds installation and increases reliability
- · Simply strip and insert supply wires
- · No additional wire nuts required



4B Patent Pending Quick Connect™ Remodel Wiring Tray

- (3) 4-Port push-in wire nuts included
- Captive tray holds color-coded push-nuts in place allowing for one-handed connections to line, neutral & ground
- · Speeds installation and increases reliability
- · Simply strip and insert supply wires
- · No additional wire nuts required

Quick Connect

Universal Locking Screw

- (2) Locking screws accessible from below the ceiling
- Universal screw head (hex, slot or Phillips)

6 Patent Pending Air-Tite™ Construction

- E5 & E7 feature a gasket seal between the housing aperture, frame, & ceiling in a special design that limits airflow between unconditioned areas and conditioned spaces for a true Air-Tite installation without additional gaskets or caulk
- Standard recessed housings may allow up to 5.0 cubic ft. per minute of air leakage into unconditioned spaces
- Air-Tite fixtures are test certified to the American Society for Testing and Materials procedure ASTM E283 as having an air leakage rate not more than 2.0 cfm (0.944 L/s) when tested at a 1.57 psf (75 Pa) pressure differential
- Meets codes that require a gasket between a recessed housing and ceiling
- Additional benefits include: Savings in HVAC bills, preventing moisture damage to attic areas, reduced sound transmission between floors, and eliminating drafts for greater comfort

7 Patent Pending Remodel J-Box with Slide-N-Side™

- · Compact design for ease in remodel installation
- Hinged and captive door for easy access
- (2) Slide-N-Side™ wire traps allow non-metallic (NM) sheathed cable to be installed without tools or removing knockouts
- Allows wiring connections to be made outside the junction box
- Simply slide the cable into the trap after connections are made
- Accommodates the following standard non-metallic (NM) sheathed cable types for both U.S. and Canada: (US) #14/2, #14/3, #12/2, #12/3 (Canada) #14/2, #14/3, #12/2
- (3) 1/2" conduit pry-outs
- cULus Listed Compact 10 in³ box volume, listed for maximum (6) No. 12 AWG or (8) No. 14 AWG 90° C splice conductors in box

8 Patented Remodel Speed Clamps

- (2) Exclusive integral speed clamps securely lock housing to ceiling
- Locking tabs securely lock to ceiling and can be easily repositioned
- Tabs engage and tighten with internal drive screws – a low torque power screwdriver speeds installation
- Two-tier tabs adjust for 3/8" to 2" for various ceiling materials



HINGED

Slide-N-Side

Remodel Attached - Box Design

- Attached box gets into tight spaces
- Allows ease of installation passing through the ceiling aperture

Remodel Flange

- Die formed flange maintains precise concentricity
- · Integral flange secures fixture against the ceiling

11 cULus Listed

FATON

- UL1598 Luminaires
- Designed and manufactured to Underwriters Laboratories Standard for Safety – UL 1598
- Luminaires additionally comply with National Electric Code (NEC), NFPA70



Types of Trims

Halo's 3", 4", 5", 6" apertures offer full vocabulary of trim styles, finishes and design features. Smaller 3" and 4" trims are used for task and accent lighting, and many 4" trims with a wide beam are used for general downlighting. Larger 5" and 6" trims are used for general downlighting as many offer a wide beam for even illumination. Halo trims may be used with a wide variety of light sources including Incandescent, Halogen, CFL, and LED.

Full Reflectors

Reflector trims create wide light patterns and maximize the efficiency of the light source. Haze reflectors reduce glare yet maximize light distribution, satin nickel and gold finished reflectors add warmth and tuscan bronze and black reflectors minimize glare.





Reflector Cones

Reflector cones are generally shorter and are designed for use with reflector style lamps (R, BR, MR, GU10, and PAR). They direct the full output of these lamps to the illumination task.





Baffles

Baffle trims trap and shape light to minimize aperture glare and reduce ceiling brightness; varied depending on baffle finish. Baffles narrow the focus of the downlighting beam and many are used with reflector lamps (R, BR, MR, GU10, and PAR lamps).





Eyeballs/Gimbals/Adjustables

These trims provide precise, variable directional lighting. They are especially useful for directing light to accent wall hangings, mantels and task areas. Directional reflector style lamps are typically used (R, BR, MR, GU10 and PAR).





Wall Washers

Wall Wash trims provide same vertical surface illumination. Special reflectors allow both wall washing and downlighting. Depending on the light source and fixture positioning along a wall, these trims will provide same illumination higher up on the wall.





Lens and Diffusers

Lenses and diffusers are designed to typically soften and direct the light, and depending upon the lens the light may be directed more to horizontal surfaces or to higher angles on vertical surfaces. Designated trims can be used as shower lights and have cULus wet location listing.





Open Trims

16

Open trims create an attractive finished look of the lamp face without compromising the natural efficiency of reflector style lamps (R, BR and PAR).





Sizes & Finishes of Trims

Halo gives you the tools to create the exact interior environment you envision. Choose from Halo trims that range in size of 3", 4", 5" and 6". Selections round out the choices available for residential and light commercial applications.

Reflector Finishes

Reflectors are offered in several finishes for high efficiency, to soften illumination, or to make a defined decorating statement.





Tuscan Bronze

Available in either black for the most effective shielding or white for an inconspicuous daytime appearance.



White Baffle, White Trim Black Baffle, White Trim Black Baffle, Black Trim

Trim Ring Finishes

Trim rings are offered in a wide choice of painted or metallic finishes to either blend in with an existing decor or to make a well defined decorating statement.



Trim Styles

Typically trims have round apertures and Halo offers a wide selection of round trims; Halo offers a number of square trims that reinforce rectilinear decor lines and make a distinctive designer statement.





Trim – Features & Designs

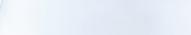
A full line of trim styles, finishes and design features are expanding in the Halo trim collection. With these trim and feature expansions, Halo is bringing ways to help ease installation process. While keeping products classy and the ability to personalize your lighting fixtures to best suit the space. These trims are specifically modeled to work with the E26 screw base housings and are compatible with EISA halogen, incandescent, CFL & LED equivalent lamps.

Patent Pending Perftex[™] 5" & 6" Baffle

- NEW Halo exclusive perforated design pattern
- A fine perforated pattern design of overlapping density, self-flanged
- 5110 & 6110 series trims









- Coilex® 3", 4", 5" & 6" Baffle
 - Fine thread pattern with crisp edges
 - Precise triple lead-in thread design
 - Timeless Halo signature for over 50 years

Self-flanged Trim Rings

· For simplicity and ease of installation

Torsion Spring Design

Torsion springs are easy to install and hold flange tight to ceiling



G Coil Spring Design

Coil springs are easy to install with flexible coils that allow adjustment in holding flange tight to ceiling

5" & 6" Chamfered Inner Transition

- **New** 5" (5100/5200) and 6" (6100/6200) series
- The new chamfered trims are designed to reduce the visual impact on the ceiling
- Tapered profile to limit shadows



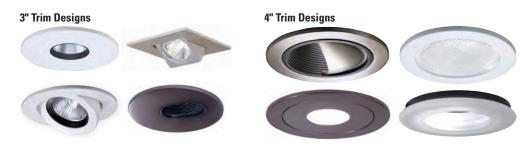
- Air-Tite trims are test certified to the American Society for Testing and Materials procedure ASTM E283 as having an air leakage rate not more than 2.0 cfm (0.944 L/s) when tested at a 1.57 psi (75 Pa)
- Form fitting socket collar for tight seal with self-flange trim ring sealing aperture
- Benefits include: Savings in HVAC bills, preventing moisture damage to attic areas, reduced sound transmission between floors, and eliminating drafts for greater comfort
- 6145, 6146
- Classic 6" Air-Tite trims include: 30, 78PAT, 170PS, 171PS, 172PS, 173PS, 430





3" & 4" Trim Features

- Small aperture trims have less ceiling presence, and celebrate simple and clean lines around circumference
- Smaller aperture trims may be used to visually differentiate the room interior design
- Trims are also a functional element in lighting design as used for accent, task and general downlighting
- Designed for similar appearance regardless of lamp source whether line voltage PAR20 or low voltage MR16



5" Trim Features

- Halo 5" trims are now available for use in socket bracket or no socket bracket housing models
- New 5100/5200 series half cone reflector and baffle trims are designed for 5" H5 and E5 housings that include a socket plate with adjustment bracket
- New innovative designs in adjustable and lens trims; and new open wet location Showerlight trims for use with outdoor rated lamps
- Note: 5" 5000 series trims are all full-height socket supporting for use in H5 and E5 "NB" no socket bracket housings only

6" Trim Features

- Halo 6" trims are designed to offer the greatest flexibility in lamp types and trim styles
- The 6" trim balances proportion of larger scale with narrower trim ring visibility with various tapered styles
- New 6100/6200 series trims focus on simplicity of self-flanged rings, these forgiving size trims expand coverage of ceiling gaps and construction tolerances
- New designs in lens trims and new open wet location showerlight trims for use with outdoor rated lamps are offered
- 6" trims are offered in full-height socket supporting designs and in half cone designs for customer choice of housings with "NB" no socket bracket or a socket plate with adjustment bracket

NEW 5" (5100/5200) & 6" (6100/6200) - E26 Screw Base Styles & Finishes





Listings, Compliance & Industry Associations

Rising energy demand and corresponding costs are a fact of life and lighting fixtures play a two fold role in the energy equation - besides the light sources and fixtures themselves, their effect on heating and air conditioning costs must also be considered.

If lighting fixtures are being installed in an insulated attic area, choose IC (Insulated Ceiling) and for additional benefits choose ICAT (Insulated Ceiling Air-Tite) fixtures. These fixtures allow you to maintain an unbroken layer of insulation. IC rated luminaires are tested to UL1598 standards where insulation materials such as blown-in or batting type dry insulation may be placed in direct contact with the luminaire.

Blown-in or batting type insulation allows convective heat transfer away from the recessed light fixture, and allows direct access to the luminaire for inspection and servicing, as required by National Electric Code. In accordance with NEMA LSD57-2013 industry guidelines, the use of spray-in foam insulation in direct contact with recessed luminaires is not recommended. As such, NEMA recommends that spray-in foams be kept 3" from recessed luminaires. Alternate installation might include, but not be limited to, wrapping the luminaire in fiberglass batting to maintain energy efficiency while preserving access to the luminaire.

Air-Tite[™] Fixtures

Air-Tite fixtures are qualified under test standard ASTM E-283, to restrict air flow between unconditioned areas and heated or air conditioned spaces. Standard recessed housings allow up to 5.0 cubic ft. per minute of air leakage to escape into unconditioned spaces. Air-Tite fixtures reduce this leakage by sealing air pathways. Air-Tite fixtures may be IC for use in insulated ceilings (such as H7ICAT) or they may be Non-IC for non-insulated ceilings (such as H3ICAT). Air-Tite fixtures qualified to ASTM E-283 have 2.0 cfm (0.944 L/S) or less air flow rate at 1.57 PSF (75 Pa) pressure differential. Additional benefits include: Savings in HVAC bills, preventing moisture damage to ceilings, reduced sound transmission between floors, and eliminating drafts for greater comfort.



Air-Tite™ Trims

An Air-Tite designated trim makes a housing Air-Tite. Simply add the Air-Tite trim to a Halo housing to meet code, and enjoy the additional benefits of an Air-Tite fixture.



Wet Location Listed Showerlights

Halo offers wet location listed trims which are designed for use over tubs, in showers, and protected outdoor ceiling areas such as porches and soffits. Where noted, models have trim rings and lenses manufactured of non-conductive and non-corrosive polymer and glass materials that are "dead-front". Trims suitable for use in showers carry a wet location cULus listing and are identified with one of the following icons.





Eaton's lighting business is a participating member and significant contributor in industry associations to assure that our lighting and control systems adhere to the highest performance and efficiency standards.

The US Environmental Protection Agency's ENERGY STAR® program is designed to identify and promote energy efficient products and buildings. Eaton's lighting business is proud to be an industry leader of certified products including many of our Halo recessed downlights. www.energystar.gov



The American Lighting Association is a lighting industry trade association. Members include lighting and ceiling fan manufacturers, retail showrooms, sales representatives and professional residential lighting designers. www.americanlightingassoc.com/



Eaton's lighting business supports state codes enforcing more stringent and environmentally protective standards such as California Energy Commission's Title 24 or Title 20 Energy Efficiency standards. www.energy.ca.gov/title24 and www.energy.ca.gov/appliance



The LIRC works to enhance communication between professional lighting designers and lighting manufacturers to improve products, services, business practices, and lighting design education. http://www.iald.org



The mission of the National Association of Homebuilders is to enhance the housing and the building industry. Eaton's lighting business is a proud participating member of the NAHB. www.nahb.org



International Energy Conservation Code (IECC) establishes energyrelated heating, cooling, water heating, electrical and lighting system standards for residential, multi-family, and commercial buildings. www.iccsafe.org



RoHS Directive - Restriction of Hazardous Substances. This global initiative seeks to eliminate hazardous materials in products. Key materials being eliminated from products through RoHS include: cadmium, mercury and lead among others.



Eaton's lighting business is a proud participating member of the IESNA, Illuminating Engineering Society of North America. www.iesna.org



Eaton's Halo luminaires are manufactured and designed in accordance with the specifications outlined in Underwriters Laboratories Standard for Safety - Luminaires 1598. These luminaires additionally comply with the applicable requirements found within the National Electrical Code (NEC), NFPA 70.



Products bearing the cULus Listed marks indicate that the luminaires ASHRAE/IESNA 90.1 standard is generally regarded as the have been evaluated by Underwriters Laboratories, and are found to definitive source of guidelines for achieving energy efficiency be compliant with the product specific requirements for the United requiring certain watts per square foot (w/ft²) depending States and Canada. www.ul.com/ on the application. www.ashrae.org



As a U.S. Green Building Council member, Eaton's lighting business supports their mission to promote buildings that are environmentally responsible, profitable and healthy places to live and work. www.usgbc.org



Eaton's lighting business was the first major lighting manufacturer to partner with the Clinton Climate Initiative (CCI), and work with the C40 Large Cities Climate Leadership Group (C40) to reduce greenhouse gas emissions and serve as models for other cities. http://c40cities.org

www.clintonfoundation.org/cf-pgm-ccihome.htm

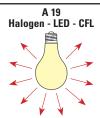


Lighting Properties

Luminous Flux (Lumens)

Luminous flux (lumens) is the measure of the total light producing power of the light source. It is the amount of light leaving the source without regards to direction. A halogen 72W A19 clear lamp has 1520 nominal lamp lumens. The luminous flux is provided by the lamp manufacturers in a listing of common lamp and lumen values.

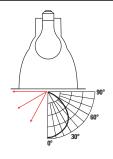
Units: Lumens (Im)



Luminous Intensity (Candela)

The luminous intensity (candelas) is the strength of the light produced in a specific direction. The luminous intensity of an optical system is compiled graphically into diagrams known as candela or candlepower distribution curves. Both polar and cartesian graphs are used within the lighting industry for this purpose. This information is also available in numeric tabular form.

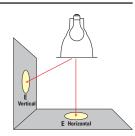
Units: Candela (cd)



Illuminance (Footcandles)

Illuminance is the measure of the quantity of luminous flux that arrives on a surface. Illuminance is affected by the luminous intensity from the fixture in the direction of the lighted surface, the distance from the luminaire to the surface, and the angle of incidence of the arriving light. Although illuminance cannot be detected by the eye, it is the most often used criteria in specifying lighting designs.

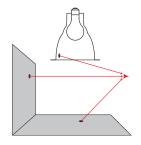
Units: Footcandles (fc)



Luminance (Candelas/Meter²)

Luminance is the measure of light leaving a surface in a given direction. It is what the eye perceives. Typically, luminance reveals more about the quality and comfort of a lighting system than just illuminance alone.

Units: Candelas per Square Meter (cd/m2)



Correlated Color Temperature (CCT)

The color temperature (chromaticity) of a light source describes the actual color appearance of the light produced with regard to its warmth or coolness.

Measured on the temperature scale of
Kelvin, it is defined with the use of a reference light source termed a blackbody radiator. This reference is completely black when cold, and as it is heated begins to glow, taking on a reddish orange appearance. Heated further, its color appearance shifts towards yellow, then white and eventually bluish white at the high end of the scale. An orange red color light has a lower color temperature than a blue white light. Psychologically, the lower Kelvin temperatures are perceived as "warm", the higher as "cool", the opposite of what might be expected. With solid state LED and discharge sources such as compact fluorescent and HID light is produced by methods other than heating a filament and the color is measured by its correlated color temperature (CCT). It is the measure of the color of the light, not the actual operating temperature of the lamp.



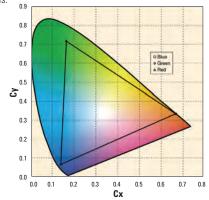
Color Temperature & Effects of Lighting

Color Temp	WARM	WHITE	NEUTRAL	COOL	DAYLIGHT
Kelvin Range	2700K	3000K	3500K	4100K	5000K
Effects	Warm	Friendly	Friendly	Neat	Bright
	Cozy	Intimate	Safe	Clean	Alert
	Open	Personal	Neutral	Efficient	Crisp
Typical Applications	Homes Restaurants Hotels Boutiques	Homes Libraries Office Areas Retail Stores Office Areas	Public Areas Showrooms Bookstores Hospitals	Office Areas Conference Rooms Classrooms Printing Companies	Museum Displays Jewelry Displays Medical Exam Areas

Color Rendering Index (CRI)

The color rendering index (CRI) of a light source describes the influence of light on the color appearance of objects being illuminated. CRI describes the apparent color shift undergone by a standard set of test colors illuminated by a source as compared to their appearance under the blackbody reference source. The apparent shift in colors is measured and averaged on the CRI chromaticity diagram, and the higher the number, the closer the apparent match. Since CRI is an average it is not possible to predict the effect on one particular color, and consequently, different lamps with the same CRI may not render colors alike. CRI is only a valid comparison when comparing lamps of the same color temperature since the appearance of the test colors vary as the reference blackbody radiator varies.

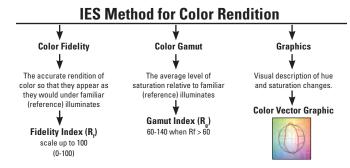
Units: CRI (on a scale up to 100)



Lighting Properties

Illuminating Engineering Society (IES) **Evaluating Light Source Color Rendition**

Illuminating Engineering Society (IES) TM-30-15 method for evaluating light source color rendition. IES TM-30-15 is a technical memorandum published by the IES that details a new method for evaluation and identification of color rendition properties of a light source. The IES notes that no single measure can accurately identify all aspects of the color rendition of light. Therefore the TM-30-15 Technical Memorandum describes a method for evaluating color rendition of a light source based upon quantifying the fidelity (closeness to a reference color illuminate) through a Fidelity Index (Rf) and gamut (increase or decrease in chroma or saturation relative to a reference color illuminate) through a Gamut Index (Rg) of a light source. The method also generates a color vector graphic that indicates average hue and chroma shifts, which visually plots values of Rf and Rg, and aids with interpreting the method's results. TM-30-15 method provides equations and direction for calculating Rf and Rg, including the spectral reflectance functions for 99 Color Evaluation Samples (CES). A software tool is included with TM-30-15 as provided to aid in calculation and display of the results.



Luminaire Efficiency

Luminaire efficiency is the ratio of lumens emitted by a luminaire in relation to lumens produced initially by the lamp contained within. It includes both the optical and thermal characteristics of the luminaire and is measured under controlled ambient conditions of 77°F (25°C). Luminaire efficiency does not indicate any information on the direction of the light leaving the fixture or its visual appearance.



Efficiency is a comparison of like terms; in the case of a lighting fixture, lumens from the luminaire vs. from the lamp. This measure of efficiency is concerned with the amount of light a luminaire can provide given the specific light source it employs.

Efficacy

Efficacy is the ratio of the luminous flux (lumens) produced by a source in relation to the energy (watts) it consumes. While efficiency is a comparison of like terms, efficacy is a comparison of unlike terms — the lumen and the watt. It is analogous to the miles per gallon rating of automobiles. It compares how a light source converts power into light. For example:

13.5W LED Luminaire (LED, Driver, Optic/Trim)

1100 lm/13.5W = 81 LPW (Total Luminaire Efficacy)

1800 lm/28W = 64.2 LPW (Bare Lamp Efficacy)

26W CFL Luminaire (Lamp, Ballast, Trim) with 70% Luminaire (Trim) Efficiency

1260 Im/28W = 45 LPW

Units: Lumens per watt (LPW or Im/W)

Lamp Lumens X Luminaire Efficiency CFL, Halogen LPW = Luminaire Watts

Cutoff & Shielding Angle

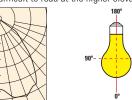
The lamp cutoff angle of a luminaire is the angle between the vertical axis (nadir) and the first line of sight when the bare source is no longer visible. Lamp image cutoff is measured the same way as lamp cutoff, but it occurs when the image of the lamp is no longer visible in the reflector. The shielding angle is the compliment

When both the lamp cutoff and lamp image cutoff are equal, the optical system has no spill light and uses all of the light in the useful beam. Equal cutoff to lamp and lamp image also provide higher visual comfort for the space.



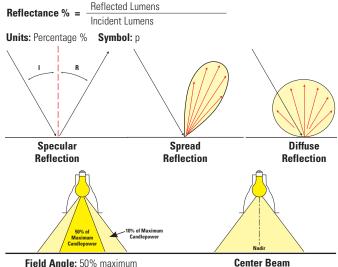
Candela Diagrams (Candle Power Distribution)

Candela diagrams provide an illustration of the intensity and distribution of light. This allows quick estimates on how useful a particular fixture would be in an application. Polar graphs provide a visual indication on how narrow or wide a beam a fixture produces. Two sets of angles are referenced, vertical and horizontal angles. Vertical angles range from 0° at nadir to 90° along the ceiling line. The number of horizontal angles referenced depends on the rotational shape and symmetry of the light distribution. Sections, or planes of data, are cut at various intervals to describe the intensity changes at the same elevation angles. The 0°-180° plane slices the luminaire along the axis of the lamp, the 90°-270° plane cuts across the lamp axis. Additional planes are supplied every 22.5° where the light distribution becomes more asymmetric. In general, numerical data instead of small polar diagrams should be used for calculations, since the diagrams become difficult to read at the higher elevation angles and at angles surrounding the fixture.



Reflectance

Reflectance is the ratio of luminous flux (lumens) reflected from a surface in relation to luminous flux (lumens) incident onto the surface. Types of surface reflectance range from the specular to the diffuse (lambertian), with many objects exhibiting combinations. Typically, reflectance becomes more specular with larger incident angles. Reflectances of room surfaces are important consideration when calculating illuminances using the "Lumen Method.



Field Angle: 50% maximum candlepower. Beam Angle: 10% Lamp beam spread to maximum candlepower.

Candle Power (CBCP): Maximum candlepower of lamp at nadir.

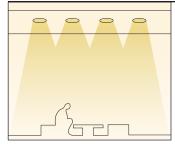
Lighting Effects

Point-to-Point Calculations

The calculation of foot-candles at a point, no matter if it is on a horizontal, vertical or tilted surface, can be accomplished with the inverse square law. The law states that the illuminance is proportional to the candlepower of the source in the given direction and inversely proportional to the square of the distance from the source. In addition, as a surface is tilted away from the source, illuminance will decrease in a ratio equal to the cosine of the angle of incidence.

The inverse square law formula can be expressed in various ways; the two most useful follow. Version 1 is ideal for the complexities of three-dimensional space as no trigonometry (cosine) is needed, just the simple X, Y and Z coordinates of the layout. It is also very useful in calculating foot-candles from the CBCP of accent lights. Version 2 is useful for calculations that can be laid out in two dimensions and when it is easy to find the cosine of the aiming angle. Insert your data into either easy-to-use formula to calculate the initial foot-candle level at a point.

Ambient Lighting



Lighting throughout an area which produces general illumination. The appropriate Halo recessed fixtures are available to provide patterns of light distribution for this purpose. These units direct light in specific patterns to illuminate areas without drawing attention to the fixtures themselves.

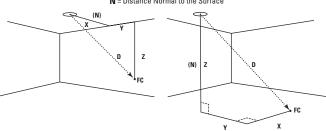
Version 1



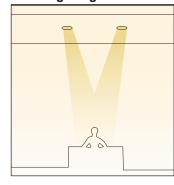
Where: I = CD towards Point

 \mathbf{D} = Distance to Point (square root of $X^2 + Y^2 + Z^2$)

N = Distance Normal to the Surface



Task Lighting



Lighting directed to a specific area to perform a specific task. Use Halo fixtures with narrower beam patterns and high illumination levels. Task-Ambient Lighting—The combination of task and ambient lighting should provide a level of ambient lighting that is lower than the task yet is designed so the ambient complements the task lighting. Here luminance ratio should be considered. Luminance ratio is the measure of task or accent to surrounding ambient lighting. For example, retail stores may use 5-to-1 task-to-ambient lighting on cash registers for transactions and 10-to-1 accent-to-ambient lighting on displays to draw maximum attention to the products.

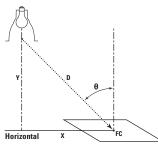
Version 2

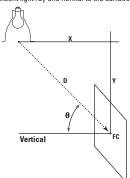
$$FC = \frac{I \times \cos \theta}{D^2}$$

Where: I = CD towards Point

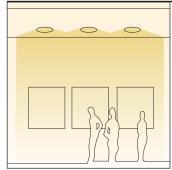
 \mathbf{D} = Distance to Point (square root of $X^2 + Y^2$)

 $\pmb{\theta}$ = Angle between incident light ray and normal to the surface



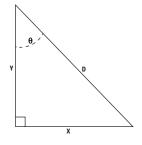


Wall Washing



Lighting of vertical surfaces defines form, space and texture. It can visually increase the apparent size of a room while improving visual comfort. Halo has skillfully engineered fixtures designed to direct a spread of illumination on these surfaces. Halo fixtures may be selected based on the size of the space, the level of illumination and intensity desired, energy efficiency and controllability.

cose θ TAN^θ 0° 1.0 .000 5° .996 .087 10° 985 176 15° .966 .268 20° .940 .364 25 .466 .906 30° .866 .577 35 .819 .700 40° .889 .766 .707 1.0

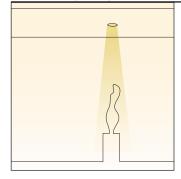


To find distance D: $D = X^2 + Y^2$ or

 $D = \frac{Y}{\cos \theta}$

To find aiming angle θ : TAN $\theta = \frac{X}{Y}$ or $\cos \theta = \frac{Y}{D}$

Accent Lighting

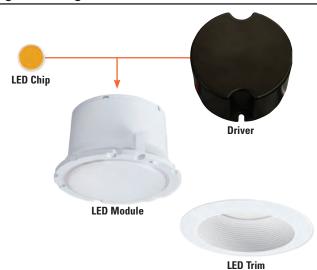


EATON

Directional lighting used to focus attention on a particular object or surface. Its intensity levels vary according to ambient illumination levels. Higher ambient levels require higher accent illumination to provide the necessary contrast (luminance ratio). This requires adjustable fixtures which can deliver higher illumination levels and precise beam distributions. Halo adjustable trims are often used in accent lighting and offer the range of intensities and beam spreads necessary for controlled quality lighting.

Light Sources

Light Emitting Diodes (LED)



Solid State Lighting (LED) once only known to the electronics industry are now a common component used for general lighting. And the reason is LED's superior energy efficiency and extremely long operational life compared to traditional incandescent technology. LED's have been used in automotive and signal products for some time because of LEDs natural generation of red, blue, and green color. With recent breakthroughs in LED chip set technology a LED is now capable of generating "white light". Combined with technological advances in LED driver power electronics, LED may be applied successfully to general lighting products. LED is also referred to as Solid State Lighting (SSL) because it is composed of various semiconductor materials and when an electrical current passes through the diode, the recombination of positive and negative charges results in the emission of photons or light. As a result LED luminaires are high-efficiency alternatives to less efficient light sources.

The Benefits of LED

- Energy Savings Significant savings over traditional sources (Halo ML56 - 600 Series consumes 86% less energy than comparable 65W BR30 incandescent lamps)
- High Efficacy LED offers more lumens per Watt (Halo ML56 600 Series delivers up to 92 LpW compared to 9.5 LpW of 65W BR30 incandescent lamps)
- Long Operational Life LED offers significant life values, with many models offering over 50,000 hours (Compare to 65W BR30 incandescent lamp with typical life of 2,500 hours)
- Reduced maintenance cycle LED can perform for years, even in 24 hours 7 days a week operation
- Dimmable Designated LED drivers are capable of full range dimming and may operate with many standard dimmers
- Improved quality of light LED downlight optics offer smooth, even illumination across the visual field
- Soffit applications LED downlighting may be used in protected canopies, porches, and soffits in colder climates than fluorescent sources (where designated for "Wet Location" listing)
- Code compliance LED lighting may be used to meet stringent code requirements requiring higher luminaire efficacy (Lumens per Watt) and lower building power density (watts per square foot)
- Reduced environmental impact Significant reduction in energy loads with LED lighting offers reduction of carbon emissions in electrical generation

Color Selection choices for Halo LED:

- Color Rendering Index (CRI): 90 CRI (R9 > 50)
- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, 4000K, 5000K are offered, based upon model series

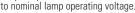
LED Warranty:

Eaton lighting solutions business provides a five year limited warranty on designated HALO LED luminaires. Consult www.eaton.com/lighting/legal

Applications: General, Task, Wall Wash, Accent (depending upon model selected)

Halogen Low Voltage (MR16)

Multifaceted Reflector (MR) lamps produce crisp, white light; with more typical sparkle than PAR lamps. Low voltage halogen lamps offer the best light control and are ideal for accenting. Low voltage lamps require a transformer in the fixture to step line voltage down



Applications: Task, Accent, Wall Wash, Grazing

Beam Spread: Many available. Measured in beam angles.

Typical Rated Life: 4,000 to 6,000 hours

Incandescent and Halogen (INC/HAL)

These are popular because they are easy to install, are relatively inexpensive and are available in a wide range of wattages and bulb styles. Halogen lamps are a type of incandescent with filaments of tungsten wire heated by the passage of electrical current to incandescence. All clear halogen lamps are considered to have a color rendering index of 100.

General service "A" lamps emit a warm light. These require reflectors to effectively control light.

Applications: General, Wall Wash Typical Sizes: A17, A19, A21 Typical Rated Life: 1000 hours

R and BR Lamps

Reflector (R) and Bulge Reflector (BR) lamps emit a warm amber light. These have built-in reflectors to control light in flood and spot beam patterns

Applications: General, Task, Accent, Wall Wash, Grazing

Sizes: R20, BR30, BR40 Beam Spread: Flood, Spot Typical Rated Life: 2,500 hours

PAR Halogen Lamps

Parabolic aluminized reflector lamps produce a crisp, white light. These use built-in reflectors with internal reflective coatings and lenses to control light in many beam patterns. Applications: General, Task, Accent, Wall Wash, Grazing

Sizes: PAR16, PAR20, PAR30S (short neck),

PAR30L (long neck), PAR38 Beam Spread: Narrow Spot, Spot, Flood, Narrow Flood, Wide Flood

Typical Rated Life: 2,500 hours













HALO Home Collection

HALO Home is a flexible new approach to smart home lighting. Our system offers a range of Bluetooth® fixtures, controls and accessories that work seamlessly together. From a single light to an entire home, your smart lighting search starts and ends here.

HALO Home offers lots of control options – from Bluetooth in-wall wired switches to Bluetooth-enabled wireless "anyplace" controls, user-friendly mobile apps, web application, or all of the above. No internet connection or hub is required to get started; you can easily configure the lights using Bluetooth connection and any smart device.













with your mobile device

HALO Home Smart Lighting System



HALO Home app

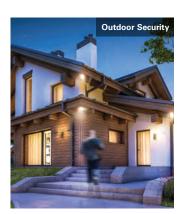
Our user-friendly mobile app lets you control lighting from your fingertips, and from anywhere in the world (with the optional Smart Internet Access Bridge). Available for iOS and Android, it features dimming, adjustable white tuning, grouping, automatic scheduling and more.





Flexible and scalable

HALO Home is a simple and flexible connected option, with the ability to install as little as one smart light or scale up to control the entire home through the easy-to-use HALO Home app.









Voice control compatible

Customize your home lighting with anywhere in the world access and voice control. HALO Home is compatible with Amazon Alexa and Google Assistant products, when paired with the optional Smart Internet Access Bridge.



Adjustable white tuning

Select the perfect color for your mood and beautifully complement your home. The HALO Home smart lighting fixtures provide the ability to adjust color temperatures from 2700K (warm white) to 5000K (daylight).





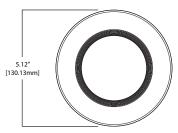












RI 4

4" LED All-Purpose Retrofit Module with Bluetooth Mesh Connectivity

The Halo Home RL4 is an integrated LED module with Bluetooth® Mesh connectivity for 4" aperture recessed downlights. When paired with the Halo Home mobile app or Halo Home Accessory dimmers, the RL4 can be wirelessly controlled. Suitable for new construction, remodel and retrofit installation. Listed for use with Halo 4" housings and classified for use with other 4" housings, airtight and can be used with housings in direct contact with insulation. The RL4 is designed to connect to the Halo Home Bluetooth Mesh network with no hub or internet connection required.



















Features

Wireless System

- For use with the Halo Home mobile app.
- Bluetooth low energy (BLE) mesh allows on/off, white tuning and lumen output to be controlled wirelessly with companion wall switches, smart phones and tablets using Halo Home mobile application.
- Group, schedule, scenes and automate lighting actions through Halo Home mobile app. HALO Home products work better together. Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com

Wireless Pairing

 See Halo quick start guide for wireless setup, guidance and troubleshooting.

Module - Trim

- Module construction includes LED Array, heat sink, reflector, lens, baffle and trim ring.
- Regressed baffle
- Heat sink designed to conduct heat away from the LED Array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments.

LED Array

- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy within 3 SDCM at the CCT endpoints and 4 SDCM in between endpoints, provide color accuracy and uniformity.
- Color Temperature (CCT) has an adjustable range from 2700K to 5000K within the mobile app (factory default 3000K)
- 50,000 hour life

Optical Assembly

- Regressed lens
- · Impact-resistant polycarbonate
- Convex form and lamp-like appearance
- Diffuse for even illumination

Driver

- Integral 120V 50/60 Hz constant current driver provides noise free operation
- Inline electrical quick connect and E26 adapter (provided) provides mains connections
- Consult instruction sheets and quick start guide for more information

Dimming

- In the mobile app, continuous, flicker-free dimming from 100% to 5%.
- It is not recommended with any in wall dimmers.

Retention

- Push-N-Twist universal installation clips
- Clips are pre-installed and designed to fit 4" compatible recessed housings

Designer Skins (sold separately)

- RL4 skins are accessory rings that attach to the RL4 for a permanent finish. Refer to the RL4 accessories specification sheet for details.
 - White (Paintable)
 - Satin Nickel
 - Tuscan Bronze

Gaskets

 Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Factory Reset

Using the wall switch repeat this process 4 times: OFF for 2 seconds + ON for 6 seconds. The RL4 will flash twice after successful reset.

Compliance

- cULus certified for use with Halo housings and other's housings
- · Wet and Damp location listed
- Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-E.
- Can be used International Energy Conservation Code (IECC) high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings
- Lighting Facts labeled
- FCC ID: 2AKCY-RL4BLE
- IC Code: 4706A-RL4BLE

Warranty

Five year limited warranty, consult website for details. www.eaton.com/lighting/legal

RL4 Energy Data

RL4 Energy Data					
Input Voltage	120V				
Input Current	.069 A				
Input Power	8 W				
Inrush (A)	2.3 A				
THD: ≤ 20%					
PF: ≥ 0.90					
T Ambient -40 - +40°C					
Sound Rating ≤ 22.	Sound Rating ≤ 22.5dba				

RL4 Series Ordering Information

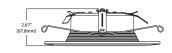
Models	Lumens	CRI / CCT	Protocol	Finish	Accessories
RL4 = 4" all- purpose retrofit LED module	06 = 600 lumens (nominal)	9 = 90 CRI minimum, white tuning, select CCT 2700K – 5000K, in the mobile app	BLE40A = Bluetooth Mesh wireless control, 4.0	WH = matte white baffle	RL4TRMWHB = 4" White Paintable Trim Ring, Baffle RL4TRMSNB = 4" Satin Nickel Trim Ring, Baffle RL4TRMTBZB = 4" Tuscan Bronze Trim Ring, Baffle RL4TRMWH = 4" White Paintable Trim Ring RL4TRMSN = 4" Satin Nickel Trim Ring RL4TRMTBZ = 4" Tuscan Bronze Trim Ring

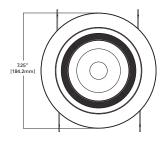












RL56

5"/6" LED All-Purpose Retrofit Module with Bluetooth Mesh Connectivity

The Halo Home RL56 is an integrated LED module with Bluetooth® Mesh connectivity for 5" & 6" aperture recessed downlights. When paired with the Halo Home mobile app or Halo Home Accessory dimmers, the RL56 can be wirelessly controlled. Suitable for new construction, remodel and retrofit installation. Listed for use with Halo 5" & 6" housings and classified for use with other 5" & 6" housings, airtight and can be used with housings in direct contact with insulation. The RL56 is designed to connect to the Halo Home Bluetooth Mesh network with no hub or internet connection required.



















Features

Wireless System

- For use with the Halo Home mobile app.
- · Bluetooth low energy (BLE) mesh allows on/off, white tuning and lumen output to be controlled wirelessly with companion wall switches, smart phones and tablets using Halo Home mobile application.
- Group, schedule, scenes and automate lighting actions through Halo Home mobile app.
- HALO Home products work better together. Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn more.

Wireless Pairing

See Halo quick start guide for wireless setup, guidance and troubleshooting.

Module - Trim

- Module construction includes LED Array, heat sink, reflector, lens, baffle and trim ring.
- Regressed baffle
- Heat sink designed to conduct heat away from the LED Array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments

LED Array

- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy within 3 SDCM at the CCT endpoints and 4 SDCM in between endpoints, provide color accuracy and uniformity.
- Color Temperature (CCT) has an adjustable range from 2700K to 5000K within the mobile app (factory default 3000K)
- 50,000 hour life

Optical Assembly

- Regressed lens
- · Impact-resistant polycarbonate
- Convex form and lamp-like appearance
- · Diffuse for even illumination

Driver

- Integral 120V 50/60 Hz constant current driver provides noise free operation
- Inline electrical quick connect and E26 adapter (provided) provides mains connections
- Consult instruction sheets and quick start guide for more information

Dimming

- In the mobile app, continuous, flicker-free dimming from 100% to 5%
- · It is not recommended with any in wall dimmers.

Retention

- Integral torsion springs and Push-N-Twist universal installation clips offer two mounting options
- Clips are pre-installed and designed to fit 5" & 6" compatible recessed housings

Designer Skins (sold separately)

- RL56 skins are accessory rings that attach to the RL56 for a permanent finish. Refer to the RL56 accessories specification sheet for details.
- White (Paintable)
- Satin Nickel
- Tuscan Bronze

Gaskets

· Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Factory Reset

Using the wall switch repeat this process 4 times: OFF for 2 seconds + ON for 6 seconds. The RL56 will flash twice after successful reset.

Compliance

- cULus certified for use with Halo housings and other's housings
- · Wet and Damp location listed
- Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- · Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-F
- Can be used International Energy Conservation Code (IECC) high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings
- · Lighting Facts labeled
- FCC ID: 2AKCY-RL56BLE
- IC code: 4706A-RL56BLE

Warranty

Five year limited warranty, consult website for details. www.eaton.com/lighting/legal

RL56 Energy Data

Input Voltage	120V				
Input Current	.082 A				
Input Power	9.7 W				
Inrush (A)	1.4 A				
THD: ≤ 20%					
PF: ≥ 0.90					
T Ambient -40 - +40°C					
Sound Rating ≤ 22.5dba					

RI 56 Series Ordering Information

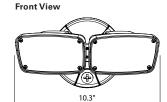
Models	Lumens	CRI / CCT	Protocol	Finish	Accessories
RL56 = 5"/6" all- purpose retrofit LED module	06 = 600 lumens (nominal)	9 = 90 CRI minimum, white tuning, select CCT 2700K – 5000K, in the mobile app	BLE40A = Bluetooth Mesh wireless control, 4.0	WH = matte white baffle	RL56TRMWHB =5"/6" White Paintable Trim Ring, Baffl RL56TRMSNB =5"/6" Satin Nickel Trim Ring, Baffle RL56TRMTBZB =5"/6" Tuscan Bronze Trim Ring, Baffle RL56TRMWH =5"/6" White Paintable Trim Ring RL56TRMSN =5"/6" Satin Nickel Trim Ring RL56TRMTBZ =5"/6" Tuscan Bronze Trim Ring





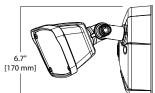






[261 mm]









Bluetooth°

FTS20C

Twin Head LED Flood with Bluetooth Mesh Connectivity

The HALO Home smart LED floodlight incorporates Bluetooth® Mesh technology into a durable, twin head design for an advanced outdoor lighting solution built for high performance. Featuring a multitude of configurable settings including grouping, scheduling, dimming and white color tuning, the FTS20C does not require a hub and can be wirelessly controlled directly from any compatible smart device utilizing the Halo Home app, or any Halo Home wireless switch or dimmer.

Features

Wireless System

- For use with the HALO Home mobile app.
- Bluetooth low energy (BLE) mesh allows on/off and dimming to be controlled wirelessly with companion wall switches, smart phones and tablets using HALO Home mobile app.
- · White tuning, grouping, scheduling and countdown timer controlled through HALO Home mobile app. HALO Home products work better together. Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn more...

Construction

- · Durable die-cast aluminum housing with UV stable clear lens
- · Powder coated bronze or white finish
- · Optically enhanced reflector improves efficiency and delivered lumens
- · Tool-less head adjustment
- · Wall or eave mounted to recessed or surface junction boxes

Electrical

- For use with 120-277V, 50/60Hz power source
- · Maintenance-free LED's with 70,000 hours of life
- Operating temperature of -30°C to 40°C
- · cULus listed for wet locations
- External supply wiring 75°C minimum

Optics

- Two-stage optics for maximum coverage
- Wirelessly controlled white tuning from 3000K to 5000K CCT (factory default 4000K)
- Wirelessly controlled dimming to 5%

Warranty

· Five year limited warranty

CB - - - '> FC

Note: Specifications and Dimensions subject to change without notice.

Area Coverage

Mounting	Length	Width	Area	Max
Height	(L)	(W)	(Sq. Ft.)	F.C.
10 ft.	18	40	720	4.3
15 ft.	20	40	800	1.9
20 ft.	20	40	800	1.1

Note: Bronze fixture at a typical mounting angle of 30° from vertical

All figures based on minimum footcandle (FC) of 0.5 and 4000K CCT

FTS20C Energy Data @ 4000K

Voltage	120-277V, 50/60Hz
Power	22.8 W
Delivered Lumens*	2034
Efficacy*	89.2 (lm/w)
ССТ	3000K - 5000K
CRI*	84
Protocol	Bluetooth Mesh 4.0

^{*} Based on factory default setting of 4000K CCT

FTS20C Series Ordering Information

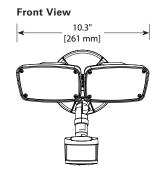
Application	Size	Nominal Wattage	Protocol	Finish
FT = Flood, Twin Head	S = Small	20 = 20W	C = Connected Bluetooth Mesh Wireless Control, 4.0	B = Bronze W = White

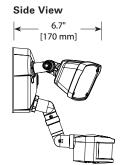




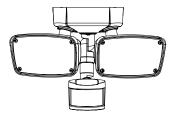








Eave Mount



MST20C

Smart Motion Floodlight Twin Head LED Motion with Bluetooth Mesh Connectivity

The HALO Home Smart Motion Floodlight incorporates Bluetooth® Mesh technology into a durable, twin head LED motion sensor flood design for an advanced outdoor lighting solution built for high performance. Features configurable settings for both the motion sensor and floodlight, including sensitivity, duration and scene control, as well as grouping, scheduling, dimming and white color tuning. The MST20C does not require a hub and can be wirelessly controlled directly from any compatible smart device utilizing the HALO Home app, or any HALO Home controlers.

Features

Wireless System

- For use with the HALO Home mobile app
- · Bluetooth low energy (BLE) mesh allows on/off and dimming to be controlled wirelessly with companion wall switches, smart phones and tablets using Halo Home mobile app
- Dual Bluetooth module design allows for separate floodlight (device) and motion sensor (controller) function
- · White tuning, grouping, scheduling, scenes and countdown timer controlled through HALO Home mobile app
- Motion sensitivity control from 0-100%
- Photocontrol sensitivity from 0-100% HALO Home products work better together. Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn more.

Construction

- · Durable die-cast aluminum housing with UV stable clear lens
- · Powder coated bronze or white finish
- Optically enhanced reflector improves efficiency and delivered lumens
- Tool-less head and motion sensor adjustment
- Wall or eave mounted to recessed or surface iunction boxes

Electrical

- For use with 120-277V, 50/60Hz power sources
- . Maintenance-free LFD's with
- 70,000 hours of life

- Operating temperature of -30°C to 40°C
- cULus listed for wet locations
- External supply wiring 75°C minimum
- Motion sensor detects motion 180° up to 50 feet

Optics

- Two-stage optics for maximum coverage
- · Wirelessly controlled white tuning from 3000K to 5000K CCT (factory default 4000K)
- · Wirelessly controlled dimming to 5%

Warranty

· Five year limited warranty

Reset to Factory Settings

- Using the wall switch, repeat this process 4 times: OFF 2 seconds + ON for 6 seconds.
- The LED floodlight will flash twice after a successful reset

Note: This will revert both the Floodlight and the associated Motion Sensor to their Factory Setting.

Making the most of Bluetooth Mesh

- HALO Home products communicate with each other and your mobile device using Bluetooth Mesh technology. As with any Bluetoothenabled product, your smartphone will need to be within range to control a HALO Home device. You can strengthen and expand your Bluetooth network range by adding more HALO Home devices within your house.
- Visit halohomesupport.eaton.com/mesh to learn more.

СВ

Note: Specifications and Dimensions subject to change without notice.

Area Coverage

Mounting	Length	Width	Area	Max
Height	(L)	(W)	(Sq. Ft.)	F.C.
10 ft.	18	40	720	4.3
15 ft.	20	40	800	1.9
20 ft.	20	40	800	1.1

Note: Bronze fixture at a typical mounting angle of 30° from vertical All figures based on minimum footcandle (FC) of 0.5 and 4000K CCT

MST20C Energy Data @ 4000K

<u> </u>					
	MST20C18B	MST20C18W			
Voltage	120-277V, 50/60Hz	120-277V, 50/60Hz			
Power	22.8 W	22.8 W			
Delivered Lumens*	2034	2034			
Efficacy*	89.2 (Im/w)	89.2 (Im/w)			
ССТ	3000K - 5000K	3000K - 5000K			
CRI*	84	84			
Motion Sensor	Single PIR, 180° Detection	Single PIR, 180° Detection			

^{*} Based on factory default setting of 4000K CCT

FTS20C Series Ordering Information

Application	Head	Nominal Wattage	Protocol	Motion Sensor	Finish
MS = Motion Sensor	T = Twin	20 = 20W	C = Connected Bluetooth Mesh Wireless Control, 4.0	18 = 180° Detection	B = Bronze W = White

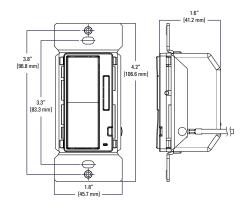












HIWMA1BLE40AWH

In-Wall Smart Dimmer

Turn standard/non-smart lights into smart lights – enabling mobile ON/OFF, dimming, groups, scenes and schedules via Bluetooth, even when switched OFF at the dimmer. Control a single light or an entire room with group settings within the mobile app.

Features

Wireless System

- Utilizes Bluetooth Mesh 4.0
- · Wireless range of up to 100 feet from Bluetooth device to device and up to 33 feet from Bluetooth smartphone/tablet to closest device.
- · 2.4GHz signal frequency
- HALO Home products work better together. Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn

Wireless Pairing

See Halo quick start guide for wireless setup, guidance and troubleshooting.

Features

- Control standard lights with the switch or free HALO Home app
- Features ON/OFF, Dimming, Groups, Schedules, and
- · Works with dimmable LEDs, CFL, halogen, and incandescent bulbs and light fixtures

Environmental

Rated for Indoor Use only. 32°F to 104°F (0°C to 40°C) damp locations

Design Features

- Range: Up to 100 feet line of sight
- Dimmer to have four 6" pre-stripped wire leads for line (black), load (red), ground (green) and neutral
- · Air-gap switch disconnects power from load forcing an OFF condition to safely work on the light fixtures.

- · Air-gap switch will also disconnect power from the internal circuitry of the dimmer.
- Air-gap switch is a 1 way switch power is connected through the air-gap switch when the airgap plastic is in, and power does not go through the air-gap switch when the air-gap plastic is pulled out.
- Neutral wire will be required for installation
- · Large paddle switch that actuates 2 switches. Upper part of paddle actuates one switch ON, and lower part of paddle actuates the other switch OFF for ON and OFF functions listed below.
- · Thin dimmer rocker switch that also actuates 2 more switches. Upper part of rocker actuates one switch Brighten, and lower part of paddle actuates the other switch Dim for Brighten and Dim functions listed
- One status LED under firmware control
- Dimming state shall be retained in the event of AC power loss.
- · Acoustic noise not to exceed 22 dBa SPL at 1 ft

Button Functions

- Dim up (Brighten) will brighten the lamps associated to the Smart Dimmer
- . Dim down will dim the lamps associated to the Smart
- ON will turn on the lamps associated to the Smart Dimmer
- OFF will turn off the lamps associated to the Smart Dimmer
- · Holding the ON button for 12 seconds will factory reset the dimmer and it will also be in Bluetooth pairing mode.

Factory Reset

· Hold the ON button for 12 seconds to reset and claim to your account.

Certifications & Compliance

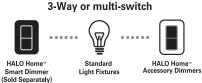
- · cULus Listed, NOM Certified. Complies with FCC Part 15. Class B.
- Industry Canada RSS-Gen and RSS-247
- · Title 24 and Title 20 Compliant
- · NEMA SSL 7A Compliant type 1 Dimmer
- · Bluetooth Certification 4.1 or higher + Mesh
- ROHS-2

Warranty

· Five year limited warranty, consult website for details. eaton.com/lighting/legal

Single Switch





HIWMA1BLE40AWH Ordering Information

Device	Generation	Radio	Finish
HIWMA = HALO In-Wall Accessory Dimmer ¹	1 =1st generation	BLE40A=Bluetooth Low Energy 4.0	WH =White BL =Black LA =Light Almond

Multi-Unit Installation Chart

Device	Load Type	1-Gang	2-Gang	3-Gang
RF9540-N	INC/ELV/FLR/Halogen/MLV	600W/VA	550W/VA	500W/VA
KF9540-N	LED/CFL	300W	300W	300W

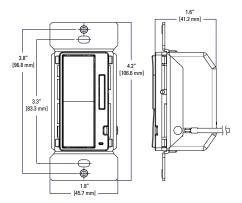












HIWAC1BLE40AWH

In-wall Accessory Dimmer

The HALO Home In-Wall Accessory Dimmer controls your HALO Home lighting devices from a central location. The Accessory Dimmer is designed to connect to the HALO Home Bluetooth Mesh network with no hub or internet connection required. The Accessory Dimmer can occupy any position in a multi-gang junction box, while the other positions of the junction box can be occupied by switches or other dimmers. The Accessory Dimmer can operate HALO Home lighting fixtures with single, 3-way or multi-switch controls. For standard lights, the Accessory Dimmer can be used for multi-switch control when paired with HALO Home In-wall Smart Dimmer.

Features

Wireless System

- · Utilizes Bluetooth Mesh 4.0
- Wireless range of up to 100 feet from Bluetooth device to device and up to 33 feet from Bluetooth smartphone/tablet to closest device.
- · 2.4GHz signal frequency
- HALO Home products work better together.
 Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn

Wireless Pairing

 See Halo quick start guide for wireless setup, guidance and troubleshooting.

Features

- Control HALO Home smart lights with the switch or free HALO Home app
- Features ON/OFF, Dimming Groups, Schedules, and Scenes
- · Works with HALO Home smart LED lights only

Environmental

 Rated for Indoor Use only. 32°F to 104°F (0°C to 40°C) damp locations

Design Features

- Range: Up to 100 feet line of sight
- Dimmer to have four 6" pre-stripped wire leads for line (black), load (red), ground (green) and neutral (white)
- Air-gap switch disconnects power from load forcing an OFF condition to safely work on the light fixtures.

- Air-gap switch will also disconnect power from the internal circuitry of the dimmer.
- Air-gap switch is a 1 way switch power is connected through the air-gap switch when the airgap plastic is in, and power does not go through the air-gap switch when the air-gap plastic is pulled out.
- Neutral wire will be required for installation
- Large paddle switch that actuates 2 switches. Upper part of paddle actuates one switch ON, and lower part of paddle actuates the other switch OFF for ON and OFF functions listed below.
- Thin dimmer rocker switch that also actuates 2 more switches. Upper part of rocker actuates one switch Brighten, and lower part of paddle actuates the other switch Dim for Brighten and Dim functions listed
- One status LED under firmware control
- Dimming state shall be retained in the event of AC power loss.
- Acoustic noise not to exceed 22 dBa SPL at 1 ft

Button Functions

- Dim up (Brighten) will brighten the lamps associated to the Smart Dimmer
- Dim down will dim the lamps associated to the Smart Dimmer
- ON will turn on the lamps associated to the Smart Dimmer
- OFF will turn off the lamps associated to the Smart Dimmer
- Holding the ON button for 12 seconds will factory reset the dimmer and it will also be in Bluetooth pairing mode.

Factory Reset

 Hold the ON button for 12 seconds to reset and claim to your account.

Certifications & Compliance

- cULus Listed, NOM Certified. Complies with FCC Part 15. Class B
- · Industry Canada RSS-Gen and RSS-247
- Title 24 and Title 20 Compliant
- NEMA SSL 7A Compliant type 1 Dimmer
- Bluetooth Certification 4.1 or higher + Mesh
- ROHS-2

Warranty

 Five year limited warranty, consult website for details. eaton.com/lighting/legal

Single Switch, 3-way or multi-switch with HALO Home Lighting Fixtures



Smart Lighting 3-way or multi-switch for standard lighting fixtures



HIWMA1BLE40AWH Ordering Information

Device	Generation	Radio	Finish
HIWAC = HALO In-Wall Accessory Dimmer ¹	1=1st generation	BLE40A =Bluetooth Low Energy 4.0	WH =White BL =Black LA =Light Almond

Multi-Unit Installation Chart

Device	ce Load Type 1-Gang 2-Gang 3-Gang		3-Gang	
HIWAC1BLE40AWH	INC/ELV/FLR/Halogen/MLV	600W/VA	550W/VA	500W/VA
HIVVACIBLE40AVVH	LED/CFL	300W	300W	300W

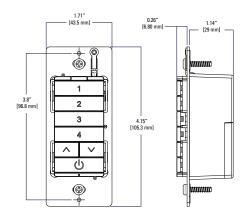












HIWSKB1BLE40AWH

Battery Powered Multi-Room Scene Keypad

The HALO Home Multi-Room Scene Keypad allows you to control up to four lighting scenes or groups, ON/OFF and dimming throughout your home from a central location. The Keypad contains four (4) scene buttons, dim-up and dim-down buttons, and all scene OFF button. The Keypad is designed to connect to the HALO Home Bluetooth Mesh network with no hub or internet connection required. The battery powered keypad connects wirelessly to control HALO Home lights, controls and accessories throughout the home. It can be added to an existing bank of switches or placed in-wall wherever lighting control is desired.

Features

Wireless System

- Utilizes Bluetooth 4.1 with mesh networking topology.
- Wireless range of up to 100 feet from Bluetooth device to device and up to 33 feet from Bluetooth smartphone/tablet to closest device.
- · 2.4GHz signal frequency.
- HALO Home products work better together.
 Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn

Wireless Pairing

 See HALO Quick Start Guide for wireless setup, guidance and troubleshooting.

Features

- Turn scenes ON/OFF from the Scene Keypad or the free HALO Home app.
- Features four scene buttons, dim-up and dim-down buttons, and an all-off button.
- Works with HALO Home smart LED lights or group of lights on the same circuit with the HALO Home Smart Disperse.

Environmental

 Rated for Indoor Use only. 32°F to 104°F (0°C to 40°C) damp locations.

Design Features

- · Range: Up to 100 feet line of sight.
- One status LED under firmware control.
- Acoustic noise not to exceed 22 dBa SPL at 1 ft.

Button Functions

- Four (4) buttons to turn on up to four scenes or groups.
- Dim up (Brighten) will brighten the lamps associated to an active scene.
- Dim down will dim the lamps associated to an active scene.
- OFF will turn off the lamps associated to an active scene.

Factory Reset

- Press the 1 button 4 times, then the OFF button 4 times, then the 1 button 4 times.
- The LED indicator will stay on for 5 seconds then blink for 30 seconds on a successful reset.

Certifications & Compliance

- cULus Listed. Complies with FCC Part 15, Class B, Industry Canada RSS-Gen and RSS-247.
- · Title 24 and Title 20 Compliant.
- Bluetooth Certification 4.1 or higher + Mesh networking toplogy.
- ROHS-2.

Warranty

 Five year limited warranty, consult website for details. eaton.com/lighting/legal

HIWSKB1BLE40AWH Ordering Information

Device	Power Source	Generation	Radio	Finish
HIWSK = HALO In-Wall Scene Keypad	B =Battery powered	1=1st generation	BLE40A=Bluetooth Low Energy 4.0	WH=White

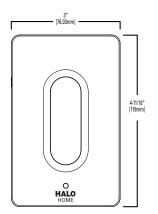


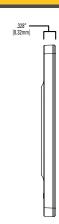












HWAS1BLE40AWH

Anyplace Bluetooth Dimmer

The HALO Home Anyplace Bluetooth Dimmer allows for HALO Home Bluetooth Mesh compatible light fixtures to be controlled from a handheld remote controller, through the Bluetooth Mesh connection. The light fixture can be controlled from the remote controller or through the HALO Home mobile app, using a smart phone or other device. The Anyplace Dimmer is designed to connect to the HALO Home Bluetooth Mesh network with no hub or internet connection required.

Features

Wireless System

- Utilizes Bluetooth Mesh 4.0
- · Wireless range of up to 100 feet (line of sight) to nearest device 2.4GHz signal frequency.
- HALO Home products work better together. Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn

Features

- Using the HALO Home app and the Anyplace Dimmer, each Bluetooth Mesh lighting fixture has the ability for:
 - On/Off
 - Dimming
- Turn on/off and adjust dim levels using the battery operated switch or via smartphone or tablet equipped with Bluetooth.
- HALO Home RLs dim down to 5%

Mounting

· Use 2 screws or provided double sided tape to mount to walls

Compatible Products

- The Anyplace Dimmer must be paired with another HALO Home device.
- · Contents:
- 3 replaceable CR2032 batteries
- · Adhesive mounting tape
- · Mounting screws

Compliance

· EMI/RFI emissions per FCC 47CFR Part 15 consumer

Warranty

· Five year limited warranty, consult website for details. www.eaton.com/lighting/legal

HWAS1BLE40AWH Ordering Information

Device	Protocol	Finish
HWAS1= HALO Home Anyplace Dimmer	BLE40A=Bluetooth wireless mesh 4.0 control	WH=White

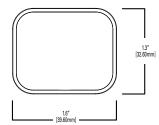


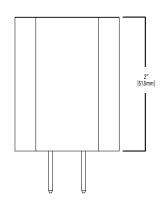












HWB1BLE40AWH

Internet Access Bridge

The HALO Home Internet Access Bridge (Bridge) enables you to control your HALO Home devices and accessories from anywhere in the world. The Bridge establishes a secure connection between your local Bluetooth network and the HALO Home Cloud, enabling you to take advantage of an ever-increasing lineup of Cloud services, including Amazon Alexa and Google Assistant. Wireless router and Internet connection are required.

Features

Wireless System

- Utilizes Bluetooth Mesh 4.0
- · Wireless range of up to 50 feet of closest HALO Home Bluetooth devices and Wi-Fi router.
- · 2.4GHz signal frequency
- HALO Home products work better together. Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn more.

Features

- Using the HALO Home app and the HHIAB each lighting fixture has the ability for:
- · Control your lighting system from anywhere in the
- Control your lighting system using Amazon Alexa and Google Assistant

Integration

- HHIAB allows for integration and control of any Halo Home device through the following Cloud services.
- Amazon Alexa
- · Google Assistant

Indicators

· Bluetooth and Wi-Fi LED indicators inform you once connection is made

Manual Reset

· Manual reset button located on the device to reset to factory settings

• For use with 110/220V compatible sockets

Compatible Products

· Any HALO Home lighting device and the HALO Home

Compliance

- · cULus listed
- · EMI/RFI emissions per FCC 47CFR Part 15 consumer

Warranty

· Five year limited warranty, consult website for details www.eaton.com/lighting/legal

HWB1BLE40AWH Ordering Information

Device	Generation	Protocol	Finish
HWB = Portable Wireless Switch	1 = First	BLE40A=Bluetooth wireless mesh 4.0 control	WH=White

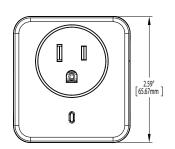


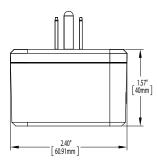












HWP1BLE40AWH

Smart Plug-In Lamp Dimmer

The HALO Home Smart Plug-In Lamp Dimmer enables convenient control for standard floor and table lamps using the HALO Home mobile app. Combine with more HALO Home light fixtures and accessories to create groups and scenes throughout the home. Smart Plug-In Lamp Dimmer is for lamps only.

Features

Wireless System

- · Utilizes Bluetooth Mesh 4.0
- HALO Home products work better together. Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn more.

Features

- Manual ON/OFF and brightness control with the side panel push button
- Using the HALO Home app with the Lamp Dimmer you can program the following controls:
 - On/Off
 - Dimming
 - Groups
 - Scheduling
 - Scenes

Driver

- · Grounded 3-wire power connection for safety
- Power: 120VAC, 60Hz
- For use with 110/120V compatible sockets

Compatible Products

- 2.5A; 300W Incandescent or 150W Dimmable CFL/LED
- Maximum load for the Bluetooth-controlled outlet: 2.5A, 300W Incandescent or 150W Dimmable CFL/LED.

Factory Reset

- · Hold the ON button for more than 15 seconds
- Constant flashing of blue status indicator light indicates successful reset.

Compliance

- · UL Certified for US and Canada
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Operating Temperature Range: -30 C to +45C

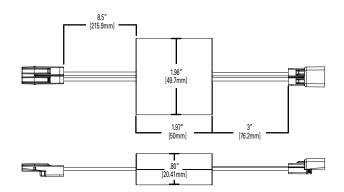
Warranty

Five year limited warranty, consult website for details eaton.com/lighting/legal

HWP1BLE40AWH Ordering Information

Device	Driver	Finish
HWP1 = Smart Plug-In Lamp Dimmer	BLE40A=Bluetooth wireless mesh 4.0 control	WH=White





HWAD1BLE40AWH

Smart Light Adapter

The HALO Home Smart Light Adapter lets you control non-smart fixtures wirelessly with the HALO Home app. The Smart Light Adapter can be used to add wireless control to any light or group of lights. The Smart Light Adapter enables individual fixture control, dimming, groups scenes and schedules from a mobile device or tablet. Combine with more HALO Home products to create a whole home lighting system.

Features

Wireless Systems

- Wireless Range Up to 100 feet from Bluetooth device.
- Up to 33 feet from Bluetooth smartphone/tablet to closest device
- Signal (frequency) 2.4 GHz
- HALO Home products work better together. Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn more.

Features

- Using the HALO Home app and the Wireless Adapter lighting device has the following capabilities:
 - On/Off
- Dimming
- Groups
- Scheduling Scenes
- · Works with dimmable LED fixtures only
- Control any LED module with adapter

Input

 For use with 85-120V, 60Hz Max mains current 0.65A. No load standby power less than 0.2W

Output

- Dimmable LED 15W @120V
- . Max output current 0.65A
- . Minimum load requirement of 1W

Environmental

 Rated for Indoor Use only. 32°F to 104°F (0°C to 40°C) damp locations

Module

· Module construction includes smart light adapter, two connection points

Compatible Products

- · Connects to dedicated LED recessed housing
- Connects to non-LED recessed housing with and Edison Adapter (not included)

Factory Reset

 Repeat this process 4 times: Disconnect for 0.5 to 4 seconds then ON for 5 to 9 seconds

Compliance

- · cULus listed
- EMI/RFI emissions per FCC 47 CRF Part 15 consumer limits
- Operating Temperature Range: -30C to +40C

Warranty

- · Five year limited warranty, consult website for details.
- · eaton.com/lighting/legal

HWAD1BLE40AWH Ordering Information

Device	Protocol	Finish
HWAD1 = Smart Light Adapter	BLE40A=Bluetooth wireless mesh 4.0 control	WH=White

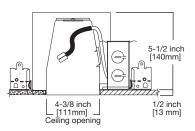


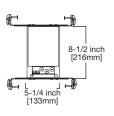
H995ICAT



4" IC, Air-Tite, New Construction LED Housing

The H995ICAT is a dedicated LED small aperture IC Air-Tite™ housing for use with Halo RA4, RL4, LT4 series LED modules and may be used with SLD4 series with the SLD spring kit. It is designed for use in insulated ceilings where it will be in direct contact with insulation*. It is an Air-Tite[™] housing designed to restrict air flow between conditioned spaces and unconditioned areas. The LED connection is non-screw base to preserve the high efficacy rating of the luminaire.















Special Features

Got Nail![™] bar hangers Pass-N-Thru[™] bars Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite[™] code compliant

Compatible LED Modules

RA4	LA4	BLD4
RL4	RSQ4	ML4
SLD4	RLD4	
LT4	SMD4	

Features

Housing

- Double wall aluminum construction helps dissipate heat. The inner housing can be adjusted in the plaster frame to compensate for different ceiling materials.
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)
- · Inner housing adjusts for ceilings up to 1" thick

Plaster Frame

- Galvanized steel die-formed construction
- · The housing can be removed from plaster frame to provide access to the junction box
- Plaster frame features include:
- · Patented regressed locking screw positioned for securing hanger bars from below the ceiling
- Cutouts for easily crimping hanger bars in position
- Air-Tite aperture gasket is pre-installed
- · Halo identity embossed on plaster frame

Includes:

- Got Nail!™ bar hangers (Details Pg. 13)
- Pass-N-Thru[™] bars (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

LED Module Connection

Compatible Halo LED modules simply install with a plug-in line voltage wiring connector (UL and CSA Listed Luminaire Disconnect). This non-screw base LED connection preserves the high efficacy rating of the luminaire (see also LED Module specifications).

Compliance

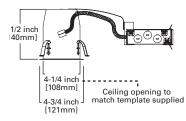
- cULus Listed 1598 luminaire
- · cULus Listed for damp location
- · cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through

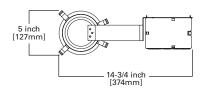
- · cULus Listed for direct contact with insulation and combustible material*
- Use with designated Halo LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy compliance with designated Halo LED lighting systems.
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated Halo LED lighting systems.
- · Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

*Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)

H995RICAT







H995RICAT

4" IC, Air-Tite, Remodel LED Housing

The Halo H995RICAT is a dedicated LED remodel small aperture IC Air-Tite housing for use with Halo RA4, RL4, LT4 series LED modules and may be used with SLD4 series with the SLD spring kit. It is designed for installation into existing insulated ceilings where it will be in direct contact with insulation*. It is an Air-Tite housing designed to restrict air flow between conditioned spaces and unconditioned areas. The LED connection is non-screw base to preserve the high efficacy rating of the luminaire.











Special Features

Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible LED Modules

RA4	LA4	BLD4
RL4	RLQ4	ML4
SLD4	RLD5	
T4	SMD4	

Features

Housing

- Single wall formed aluminum construction.
 Openings are gasketed for Air-Tite installation.
- 5-1/2" height allows use in shallow joist construction
- · Air-Tite aperture gasket is pre-installed

Remodel Arm

Spring steel construction designed for ease of installation and ceiling support

Remodel Springs

Four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling material

Includes:

- Slide-N-Side[™] junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

LED Module Connection

Compatible Halo LED modules simply install with a plug-in line voltage wiring connector (UL and CSA Listed Luminaire Disconnect). This non-screw base LED connection preserves the high efficacy rating of the luminaire (see also LED Module specifications).

- cULus Listed 1598 luminaire
- cULus Listed for damp location
- · cULus Listed for wet location, with select trims

- cULus Listed for direct contact with insulation and combustible material*
- Use with designated Halo LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy compliance with designated Halo LED lighting systems
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated Halo LED lighting systems
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

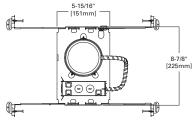
^{*}Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)

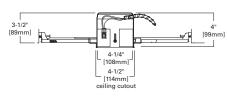
H245ICAT



4" IC, Air-Tite, Ultra-Shallow New Construction LED Housing

The H245ICAT is a 4" aperture ultra-shallow new construction housing for use with LED integrated trims. Suitable for 2x4 residential framing or shallow plenum commercial construction, type IC rated and can be used in direct contact with insulation and is air tight rated. Use with HALO LT4, RL4, RA4, RSQ4, SMD4, SLD4 LED integrated trims and the ML4 LED modular recessed lighting system.















Special Features

Got Nail!™ bar hangers

Pass-N-Thru™ bars

Slide-N-Side™ junction box

Quick Connect™ push wire nuts

Air-Tite™ code compliant

Compatible LED Modules

RA4	LA4	BLD4	
RL4	RSQ4	ML4	
SLD4	RLD4		
LT4	SMD4		

Features

Housing

- Single wall deep drawn aluminum housing painted matte black for a visually dark interior
- Adjusts vertically to accommodate 1/2" to 1-1/4" thick ceilings and locks in position with (3) set screws
- V notches on plaster lip facilitate use of guide strings or laser lines for precise positioning
- · Integral gasket provides for airtight compliance
- · Shipped with overspray protector installed
- Housing can be removed from below the ceiling for service or splice inspection

Plaster Frame

- Compact galvanized steel plaster frame with integral bar hanger receivers
- Regressed screw provide positive horizontal bar hanger locking from below the ceiling
- Crimp points also provide for horizontal bar hanger locking

Includes:

- Got Nail![™] bar hangers (Details Pg. 13)
- Pass-N-Thru[™] bars (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

LED Module Connection

Compatible Halo LED modules simply install with a plug-in line voltage wiring connector (UL and CSA Listed Luminaire Disconnect). This non-screw base LED connection preserves the high efficacy rating of the luminaire (see also LED Module specifications).

Compliance

- cULus Listed 1598 luminaire
- cULus Listed for damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through

- cULus Listed for direct contact with insulation and combustible material*
- Use with designated Halo LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy compliance with designated Halo LED lighting systems.
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated Halo LED lighting systems.
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

*Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)

Halo Recessed Catalog - LED Recessed Downlighting

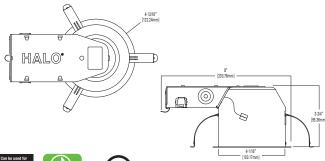
H245RICAT



H245RICAT

4" IC, Air-Tite, Ultra-Shallow Remodel LED Housing

The H245RICAT is a 4" aperture ultra-shallow remodel housing for use with LED integrated trims. Installs from below the ceiling and suitable for 2x4 residential or shallow plenum commercial construction. Suitable for direct contact with insulation and is air tight rated. Use with HALO LT4, RL4, RA4, RSQ4, SMD4, SLD4 LED integrated trims and the ML4 LED modular recessed lighting system.











Special Features

Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible LED Modules

RA4	Ι Δ4	BI D4
RL4	RSQ4	MI4
		IVIL4
SLD4	RLD4	
LT4	SMD4	

Features

Housing

- Die formed aluminum housing can be installed from below the ceiling and accommodate ceilings from 3/8" – 3/4" thick
- · Shipped with paint overspray protector installed.

Mounting Springs

- Captive preinstalled mounting springs retain housing securely in ceiling.
- Housing can be removed for service or splice inspection.

Gasket

 Closed cell gaskets achieve restrictive airflow requirements without additional caulking.

Includes:

- Slide-N-Side[™] junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

LED Module Connection

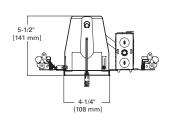
Compatible Halo LED modules simply install with a plug-in line voltage wiring connector (UL and CSA Listed Luminaire Disconnect). This non-screw base LED connection preserves the high efficacy rating of the luminaire (see also LED Module specifications).

- Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations.
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013.
- Wet location listed in covered ceilings and IP56 certified with select lens trims.
- Airtight per ASTM-E283.
- Can be used for State of California Title 24 high efficacy luminaire compliance with designated integrated LED trims.
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements.

H45ICATD010



8-7/8" [225 mm]



H45ICATD010

4" IC, Air-Tite, Shallow New Construction **LED Housing**

The H45ICATD010 is a 4" aperture shallow new construction housing for use with LED integrated trims. Installs during electrical rough in 2x6 residential or shallow plenum commercial construction. Suitable for direct contact with insulation and is air tight rated. Use with HALO LT4, RL4, RA4, RSQ4, SMD4, SLD4 LED integrated trims and the ML4 LED modular recessed lighting system.





[151 mm]





Special Features

Got Nail!™ bar hangers Pass-N-Thru[™] bars Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite[™] code compliant

Compatible LED Modules

RA4	LA4	BLD4	
RL4	RSQ4	ML4	
SLD4	RLD4		
T4	SMD4		

Features

Housing

- Single wall deep drawn aluminum housing painted matte black for a visually dark interior
- Adjusts vertically to accommodate 1/2" to 1-1/4" thick ceilings and locks in position with (3) set screws
- V notches on plaster lip facilitate use of guide strings or laser lines for precise positioning
- Integral gasket provides for airtight compliance
- · Shipped with overspray protector installed
- Housing can be removed from below the ceiling for service or splice inspection

Plaster Frame

- Compact galvanized steel plaster frame with integral bar hanger receivers
- Regressed screw provide positive horizontal bar hanger locking from below the ceiling
- Crimp points also provide for horizontal bar hanger

Includes:

- Got Nail!™ bar hangers (Details Pg. 13)
- Pass-N-Thru[™] bars (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

LED Module Connection

Compatible Halo LED modules simply install with a plug-in line voltage wiring connector (UL and CSA Listed Luminaire Disconnect). This non-screw base LED connection preserves the high efficacy rating of the luminaire (see also LED Module specifications).

Compliance

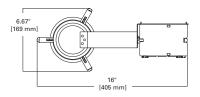
- cULus Listed 1598 luminaire
- · cULus Listed for damp location
- · cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through

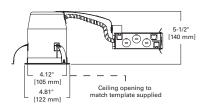
- · cULus Listed for direct contact with insulation and combustible material*
- Use with designated Halo LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy compliance with designated Halo LED lighting systems.
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated Halo LED lighting systems.
- · Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

*Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)

H45RICATD010







H45RICATD010

4" IC, Air-Tite, Shallow Remodel LED Housing

The H45RICATD010 is a 4" aperture shallow remodel housing for use with LED integrated trims. Installs from below the ceiling and is suitable for 2x6 residential or shallow plenum commercial construction. Suitable for direct contact with insulation and is air tight rated. Use with HALO LT4, RL4, RA4, RSQ4, SMD4, SLD4 LED integrated trims and the ML4 LED modular recessed lighting system.











Special Features

Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible LED Modules

RA4	LA4	BLD4
RL4	RSQ4	ML4
SLD4	RLD4	
LT4	SMD4	

Features

Housing

- Die formed aluminum housing can be installed from below the ceiling
- Accommodate ceilings from 3/8" to 1-1/4" thick
- · Shipped with paint overspray protector installed

Mounting Springs

- Captive preinstalled mounting springs retain housing securely in ceiling.
- · Housing can be removed for service or splice inspection.

Gasket

 Closed cell gaskets achieve restrictive airflow requirements without additional caulking.

Includes:

- Slide-N-Side[™] junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

LED Module Connection

- Two-conductor wire mount connector is rated for 120-277V and mates with Halo® LT4, RL4, RA4 and ML4 family of LED integrated trims.
- CAUTION: verify LED module input voltage is compatible with the input voltage of the housing. If uncertain, consult a qualified electrician
- Separate two-conductor wire mount connector for 0 – 10V low voltage control

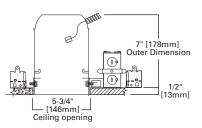
- Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations.
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013.
- Wet location listed in covered ceilings and IP56 certified with select lens trims.
- · Airtight per ASTM-E283.
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- · Contains no mercury or lead and RoHS compliant
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting

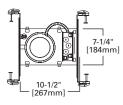
H550ICAT



5" IC, Air-Tite, New Construction, LED Housing

The H550ICAT is a dedicated LED new construction housing to be used with compatible Halo LED modules and trims. The H550ICAT is designed for insulated ceilings and can be in direct contact with ceiling insulation*. This Air-Tite housing design restricts airflow between conditioned spaces and unconditioned areas. The H550ICAT connector system provides high efficacy code compliance when used with a compatible Halo LED lighting systems.















Special Features

Got Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible LED Lighting Systems

ML56 with 59x Series Irims	
SLD6	LA56
RL56	RSQ5
RA56	BLD6
LT56	SMD6

Features

Housing

- · Single wall aluminum housing
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

Plaster Frame

- · Galvanized steel die-formed construction
- Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness
- Plaster frame features include:
 - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
 - · Cutouts for easily crimping hanger bars in position
 - Air-Tite[™] aperture gasket is pre-installed
 - Halo identity embossed on plaster frame

Includes:

- Got Nail![™] bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru[™] (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

LED Module Connection

- Halo LED modules install with a plug-in 120V-277V rated line voltage wiring connector (UL and CSA Listed luminaire disconnect)
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (see LED module specifications)
- LED connection is rated for 120V and 277V input.
 Installer must verify LED module voltage is compatible with the applicable voltage input. If uncertain, consult a qualified electrician.

- cULus Listed 1598 luminaire
- · cULus Listed for feed through
- cULus Listed for damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.

- Rated for 20W maximum
- Use with designated HALO LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy compliance with Title 20 Certified Halo LED
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated Halo IED modules and trims
- Refer to specification sheets online for additional compliance information
- · RoHS compliant

^{*}Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

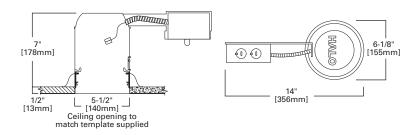
H550RICAT



H550RICAT

5" IC, Air-Tite, Remodel, LED Housing

The H550RICAT is a dedicated LED remodel housing to be used with compatible Halo LED modules and trims. The H550RICAT is designed for remodel applications in insulated ceilings and can be in direct contact with ceiling insulation*. This Air-Tite housing design restricts airflow between conditioned spaces and unconditioned areas. The H550RICAT LED connector system provides high efficacy code compliance when used with compatible Halo LED lighting systems.













Special Features

Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible LED Lighting Systems

VIL56 with 59x Series Trims	
SLD6	LA56
RL56	RSq5
RA56	BLD6
.T56	SMD6

Features

Housing

- · Single wall aluminum housing
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)
- For installation from below the finished ceiling Integral flange secures fixture against ceiling
- · Halo identity embossed on can top

Junction Box

- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Four type non-metallic (NM) cable pry-outs simplify installation

Includes:

- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

Remodel Springs

Four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling material

LED Module Connection

- Halo LED modules install with a plug-in 120V-277V rated line voltage wiring connector (UL and CSA Listed luminaire disconnect)
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (See LED module specifications)
- LED connection is rated for 120V and 277V input. Installer must verify LED module voltage is compatible with the applicable voltage input. If uncertain, consult a qualified electrician.

- cULus Listed 1598 luminaire
- · cULus Listed for feed through
- · cULus Listed for damp location
- · cULus Listed for wet location with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.

- · Rated for 20W maximum
- Use with designated HALO LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy compliance with Title 20 Certified Halo LED
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated Halo LED modules and trims
- Refer to specification sheets online for additional compliance information
- RoHS compliant

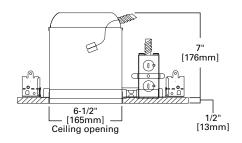
^{*}Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

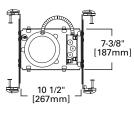
H750ICAT



6" ICAT, Air-Tite, New Construction, LED Housing

The H750ICAT is a LED new construction housing to be used with compatible Halo LED modules and trims. The H750ICAT is designed for insulated ceilings and can be in direct contact with ceiling insulation*. The Air-Tite™ housing design restricts airflow between conditioned spaces and unconditioned areas. The H750ICAT connector system provides high efficacy code compliance when used with a Halo LED lighting systems.

















Special Features

Got Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible LED Modules & Trims

ML56 with 69x series trims		
SLD6	RLD6	
RL56	RSQ6	
RA56	BLD6	
LT56	SMD6	
Ι Δ56		

Features

Housing

- Single wall aluminum housing
- Openings are gasketed for Air-Tite[™] ready installation
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

Plaster Frame

- · Galvanized steel die-formed construction
- Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness
- · Plaster frame features include:
 - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
 - Cutouts for easily crimping hanger bars in position
 - Air-Tite[™] aperture gasket is pre-installed
 - · Halo identity embossed on plaster frame

Includes:

- Got Nail![™] bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru[™] (Details Pg. 13)
- Slide-N-Side[™] junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

LED Module Connection

- Halo LED modules install with a plug-in 120V-277V rated line voltage wiring connector (UL and CSA Listed luminaire disconnect)
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (See LED module specifications)

Application Note

LED connection is rated for 120V and 277V input. Installer must verify LED module voltage is compatible with the applicable voltage input. If uncertain, consult a qualified electrician.

Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- CE Marking "Conformité Européene" conformity with the Council of European Communities Directives, meeting internationally recognized compliance with used with ML56 series LED modules

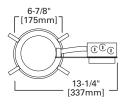
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- (with ceiling gasket GA-ATH7-6PK or caulk)Rated for 20W maximum
- Use with designated Halo LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy compliance with Title 20 Certified Halo LED
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated LED modules and trims
- Refer to LED module specification sheets online for additional compliance information
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

H750RICAT



[178mm] 1/2" to 5/8" 6-1/4 [13mm to 15mm] [159mm] Ceiling opening to match template supplied





The H750RICAT is a LED remodel housing to be used with compatible Halo LED modules and trims. The H750RICAT is designed for remodel applications in insulated ceilings and can be in direct contact with ceiling insulation*. The Air-Tite™ housing design restricts airflow between conditioned spaces and unconditioned areas. The H750RICAT LED connector system provides high efficacy code compliance when used with compatible Halo LED lighting systems.













Special Features

Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible LED Modules & Trims

ML56 with 69x series trims	
SLD6	RLD6
RL56	RSQ6
RA56	BLD6
LT56	SMD6
LA56	

Features

Housing

- Single wall aluminum housing
- Openings are gasketed for Air-Tite™
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.
- · Halo identity embossed on can top

Remodel Springs

Four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling material

Includes:

- Slide-N-Side[™] junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

LED Module Connection

- Halo LED modules install with a plug-in 120V-277V rated line voltage wiring connector (UL and CSA Listed luminaire disconnect)
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (See LED module specifications)

Application Note

LED connection is rated for 120V and 277V input. Installer must verify LED module voltage is compatible with the applicable voltage input. If uncertain, consult a qualified electrician.

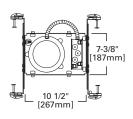
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*

- CE Marking "Conformité Européene" conformity with the Council of European Communities Directives, meeting internationally recognized compliance with used with ML56 series LED modules
- · Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- · Rated for 20W maximum
- · Use with designated Halo LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy compliance with Title 20 Certified Halo LED
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated LED modules and trims
- Refer to LED module specification sheets online for additional compliance information
- RoHS compliant

^{*}Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)



[176mm] 6-1/2" [165mm] 1/2" [13mm] Ceiling opening



6" Non-IC, New Construction, LED Housing

The H750T is a LED new construction housing to be used with compatible Halo LED modules and trims. The H750T is designed for non-insulated ceilings. If insulation is present it must be kept three inches from all sides of the housing. The H750T LED connector system provides high efficacy code compliance when used with compatible Halo LED lighting systems.









Special Features

Got Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Slide-N-Side™ junction box Quick Connect™ push wire nuts

Compatible LED Modules & Trims

ML56 with 69x series trims	
SLD6	RLD6
RL56	RSQ6
RA56	BLD6
LT56	SMD6
LA56	

Features

Housing

Single wall aluminum housing with white semi-gloss paint finish

Plaster Frame

- Galvanized steel die-formed construction
- Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness
- Plaster frame features include:
 - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
 - · Cutouts for easily crimping hanger bars in position
 - Air-Tite™ aperture gasket is pre-installed
 - · Halo identity embossed on plaster frame

Includes:

- Got Nail![™] bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru[™] (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)

LED Module Connection

- Halo LED modules install with a plug-in 120V-277V rated line voltage wiring connector (UL and CSA Listed luminaire disconnect)
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (See LED module specifications)

Application Note

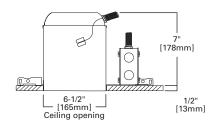
LED connection is rated for 120V and 277V input. Installer must verify LED module voltage is compatible with the applicable voltage input. If uncertain, consult a qualified electrician.

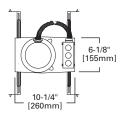
- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through

- CE Marking "Conformité Européene" conformity with the Council of European Communities Directives, meeting internationally recognized compliance with used with ML56 series LED modules
- · Rated for 20W maximum
- Use with designated Halo LED systems for ENERGY STAR® certification
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated LED modules and trims
- Can be used for State of California Title 24 non-residential high efficacy compliance with Halo LED systems
- · Refer to LED module specification sheets online for additional compliance information
- RoHS compliant

H750TCP







H750TCP

6" Non-IC, New Construction or Remodel, Chicago Plenum, LED Housing

The H750TCP is a LED new construction/remodel Non-IC housing to be used with compatible Halo LED modules and trims. The H750TCP is designed for Chicago Plenum ceilings. Insulation must be kept a minimum of 3" from all sides of housing. The H750TCP LED connector system provides high efficacy code compliance when used with compatible Halo LED lighting systems.





Special Features

Quick Connect™ push wire nuts

Compatible LED Modules & Trims

ML56 with 69x series trims	
SLD6	RLD6
RL56	RSQ6
RA56	BLD6
LT56	SMD6
LA56	

Features

Housing

- Single wall aluminum housing with white semi-gloss paint finish
- Constructed and gasketed to meet Chicago CCEA requirements

Plaster Frame

- "Boat shaped" plaster frame design for new construction or remodel in existing ceilings
- Galvanized steel die-formed construction
- Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness

Bar Hangers

- Bar hangers overlap for housing adjustment within joist spans
- Crimp tabs on plaster frame lock bars into position
- Optional TB-7 T-bar clips secure bar hangers to suspended grid ceilings

Junction Box

- · Positioned to accommodate straight conduit runs
- Seven 1/2" trade size conduit knockouts with true pry-out slots

Includes:

Quick Connect[™] push wire nuts (Details Pg. 13)

LED Module Connection

- Halo LED modules install with a plug-in 120V-277V rated line voltage wiring connector (UL and CSA Listed luminaire disconnect)
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (see LED module specifications)

Application Note

LED connection is rated for 120V and 277V input. Installer must verify LED module voltage is compatible with the applicable voltage input. If uncertain, consult a qualified electrician.

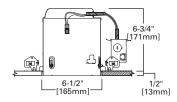
- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- · Rated for 20W maximum
- Use with designated Halo LED systems for ENERGY STAR® certification
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated LED modules and trims
- · City of Chicago Plenum construction
- Refer to LED module specification sheets online for additional compliance information

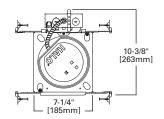
E750ICAT



6" IC, New Construction, LED Housing

Recessed 6" aperture new construction housing for use with LED integrated trims or modules. Suitable for 2x8 residential framing or commercial plenum construction, type IC rated and can be used in direct contact with insulation. Airtight rating reduces airflow between living spaces and unconditioned areas providing additional energy savings. Use with Halo LT56, SMD6, RL56, RA56, SLD6 LED integrated trims and the ML56 LED modular recessed lighting system.













Special Features

Got Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Slide-N-Side™ junction box Quick Connect™ push wire nuts

Compatible LED Modules & Trims

LT56 RSQ6 ML56 modular li LA56 SLD6 system RL56 SMD6 RA56	ignung
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Features

Housing

- Single wall precision rolled aluminum housing with interlocking construction maintains concentricity
- Adjusts vertically to accommodate 3/8" to 1" thick ceilings and locks in position with (3) setscrews
- V notches facilitate use of guide strings or laser lines for precise positioning
- Shipped with paint overspray protector installed
- Housing can be removed from below the ceiling for service or splice inspection

Plaster Frame

- Compact galvanized steel plaster frame with integral bar hanger receivers
- (2) regressed screws provide positive horizontal bar hanger locking from below the ceiling
- Integral gasket achieves ASTM-E283 airtight code compliance without additional gaskets or caulk

Junction Box

- Compact galvanized steel junction box with 16in³ internal
- Listed for (10) #12 or (14) #14 AWG 90° C splice

- (4) 1/2" conduit pry-outs positioned to allow straight
- (3) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections
- · Hinged door with offset cover for easy wire access
- Junction box is repositionable 90° on plaster frame to avoid obstructions

Bar Hangers

- Captive preinstalled All-Nail™ bar hangers support housing at any point along span
- Pass-N-Thru™ feature adjust bars from 7-1/4" to 24" wide without removal
- Score lines allow "tool-less" shortening for 12" joists
- · Captive nail penetrates standard and engineered lumber
- · Leveling flange aligns plaster frame with framing
- · Integral clip attaches directly to tee-bar

Connector

- Two-conductor wire mount connector is rated for 120-277V. CAUTION – verify LED module input voltage is compatible with the input voltage of the housing. If uncertain, consult a qualified electrician
- cULus listed with Halo® LT56, SMD6, RL56, RA56, SLD6 and ML56 family of LED integrated trims

Compliance

- Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013
- Wet location listed in covered ceilings and IP56 certified
- Airtight per ASTM-E283
- Can be used for State of California Title 24 high efficacy luminaire compliance
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- · Contains no mercury or lead and RoHS compliant

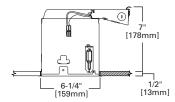
E750RICAT

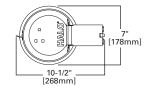


E750RICAT

6" IC, Remodel, LED Housing

Recessed 6" aperture install from below remodeler type housing for use with LED integrated trims or modules. Suitable for 2x8 residential framing or commercial plenum construction, type IC rated and can be used in direct contact with insulation*. Airtight rating reduces airflow between living spaces and unconditioned areas providing additional energy savings. Use with Halo® LT56, SMD6, RL56, RA56, SLD6 LED integrated trims and the ML56 LED modular recessed lighting system.









Special Features

Quick Connect™ push wire nuts

Compatible LED Modules & Trims

LT56	RSQ6	ML56 modular lighting
LA56	SLD6	system
RL56	SMD6	
RA56		

Features

Housing

- Single wall precision rolled aluminum housing maintains concentricity
- Mounting flange secures housing to building structure for below the ceiling installation
- Integral gasket achieves ASTM-E283 airtight code compliance without additional gaskets or caulk
- Shipped with overspray protector installed

Speed Clamps

- (2) exclusive speed clamps adjusts to accommodate 3/8" to 2" thick ceilings
- Combination hex, slot and Philips drive screws actuate clamps and speed installation
- Clamps can be loosened from below the ceiling for repositioning or splice inspection

Junction Box

- Integral compact galvanized steel junction box with 10in³ internal volume is attached directly to housing to clear obstructions and fit in tight spaces
- Listed for (6) #12 or (8) #14 AWG 90° C splice conductors

- (3) ½" conduit pry-outs positioned to allow straight conduit runs
- (2) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- Rotatable wiring tray holds wire nuts captive for onehanded wire termination
- (3) 4-port push wire nuts with clear caps are color coded for quick and reliable mains voltage connections
- Junction box is repositionable 90° on plaster frame to avoid obstructions
- · Hinged door for easy wire access

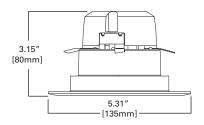
Connector

- Two-conductor wire mount connector is rated for 120-277V. CAUTION — verify LED module input voltage is compatible with the input voltage of the housing. If uncertain, consult a qualified electrician
- cULus listed with Halo® LT56, SMD6, RL56, RA56, SLD6 and ML56 family of LED integrated trims

Compliance

- Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013
- Wet location listed in covered ceilings and IP56 certified with select trims
- · Airtight per ASTM-E283
- Can be used for State of California Title 24 high efficacy luminaire compliance
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- · Contains no mercury or lead and RoHS compliant





LT4

4" LED Retrofit Module

The Halo LT4 is an LED baffle-trim module for 4" aperture recessed downlights; suitable for new construction, remodel and retrofit installation. The LT4 is UL Certified for use with Halo, and other compatible 4" housings. Precision construction makes any housing Air-Tite for added HVAC savings and code compliance.















LT4 Energy Data

zi i ziioigi pata			
Input Voltage: 120V			
Input Current: 0.069A			
Input Power: 8.0W			
THD: ≤ 24%			
Power Factor: ≥ 0.90			
T Ambient: -30°C to +40°C			
Sound Rating: Class A			
		 -	

(all values at 25° C without a dimming control in circuit)

Features

Mechanical - Module

Module construction includes LED, heat sink, reflector, lens, baffle and trim ring

Lens

- · Regressed lens
- Polycarbonate
- · Diffusing for even illumination

Mounting

Friction clips are pre-installed and adjust to fit 4" compatible housings

LED

- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, 4000K, and 5000K
- Color Rendering Index (CRI): 90 (R9 > 50)
- · Lumen maintenance L70 at 35,000 hours
- 600 nominal lumen

LED Chromaticity

LED chromaticity of 4 SDCM exceeds ENERGY STAR® color standards per ANSI C78.377-2008

Electrical Power Connections

- LED connector is a non-screw base luminaire disconnect offering easy installation with the matching Halo 4" LED housings
- LED connector meets California Title 24 high efficacy luminaire requirement for a non-screw base socket, and where required to qualify as a high efficacy luminaire
- · The included E26 medium screw base Edison adapter provides easy retrofit of incandescent housings (See housing compatibility)

Ground Connection

Separate grounding cable included on the module for attachment to the housing during installation

LED Driver

- · 120V 50/60 Hz constant current dimmable driver provides high-efficiency operation
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming

- Designed for continuous dimming capability to nominally 10% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers (Dimmers with low end trim adjustment offer greater assurance of achieving 10% level)
- Consult dimmer manufacturer for compatibility and conditions of use (Note, some dimmers require a neutral in the wallbox)

Compliance

- UL Certified for US and Canada
- UL Certified (with other housings) see specifications
- UL Certified for damp location
- UL Certified for wet location. covered ceiling - (shower rated)
- IP56 Ingress Protection rated
- May be installed in housings in direct contact with insulation* and combustible material
- Air-Tite code compliant, Certified under ASTM E283: not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- 90 CR (R9 > 50): Can be used to comply with California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- Can be used for International Energy Conservation Code (IECC) high efficiency luminaire compliance
- ENERGY STAR® certified downlight retrofit
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits, suitable for use in residential and commercial
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21
- Can be used in closets. Compliant with NFPA 70, NEC section 410.16 (A)(1) and 410.16 (C)(3)

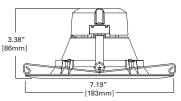
*Not to be used in housings in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

LT4 Ordering Information

Models	Finish	Lumen	CRI / CCT	Accessory (Order Separately)
LT460 = 4" Retrofit baffle	WH = matte white baffle	6 = 600 lumen nominal	927 = 90CRI, 2700K 930 = 90CRI, 3000K 935 = 90CRI, 3500K 940 = 90CRI, 4000K 950 = 90CRI, 5000K	HE26LED = Replacement screw base adapter (one included with unit)

LT56 Series





High Lumen 3.5 [88mm] 7.19

LT560

5"/6" LED Retrofit Module - 5 Inch Application

The Halo LT560 is an LED baffle-trim module for 5" and 6" aperture recessed downlights; suitable for new construction, remodel and retrofit installation. The LT560 is UL Certified for use with Halo and other compatible 5" and 6" housings. Precision construction makes any housing Air-Tite for added HVAC savings and code compliance.













	600 Lumen	1200 Lumen			
Input Voltage:	120V	120V			
Input Current:	0.085A	0.101A			
Input Power:	10.2W 11.9W				
THD:	≤ 24%				
Power Factor:	≥ 0.90				
T Ambient: -30°C to +40°C					
Sound Rating: Class A					
(all values at 25° C without	(all values at 25° C without a dimming control in				

Features

Mechanical - Module

Module construction includes LED, heat sink, reflector, lens, baffle and trim ring

Lens

- · Regressed lens
- Polycarbonate
- · Diffusing for even illumination

Mounting

Torsion springs are pre-installed and adjust to fit 5" and 6" compatible housings

LED

- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, 4000K, and 5000K
- Color Rendering Index (CRI): 90
- 680 nominal lumen
- · Lumen maintenance L70 at 35,000 hours

LED Chromaticity

- A tight chromaticity specification ensures LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) over the useful life of the LED
- LED chromaticity of 4 SDCM exceeds ENERGY STAR® color standards per ANSI C78.377-2008
- 90 CRI features high color performance with R9 > 50
- Halo LED serialized testing and measurement ensures color and lumen consistency on a per-unit basis, and validates long-term product consistency over time

Electrical Power Connections

- LED connector is a non-screw base luminaire disconnect offering easy installation with the matching Halo 5" and 6" LED housings
- LED connector meets California Title 24 high efficacy luminaire requirement for a non-screw base socket, and where required to qualify as a high efficacy luminaire
- The included E26 medium screw base Edison adapter provides easy retrofit of incandescent housings (see specifications online for housing compatibility)

Ground Connection

Separate grounding cable included on the module for attachment to the housing during installation

LED Driver

- 120V 50/60 Hz constant current dimmable driver provides high efficiency operation
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming

- Designed for continuous dimming capability to nominally 10% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimmers with low end trim adjustment offer greater assurance of achieving 10% level.
- Consult dimmer manufacturer for compatibility and conditions of use
- Note, some dimmers require a neutral in the wallbox

Compliance

- · UL Certified for US and Canada
- UL Certified (with other housings) see specifications online for housing compatibility

LT560 Energy Data

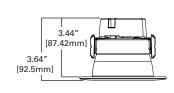
- UL Certified for damp location
- UL Certified for wet location. covered ceiling - (Shower Rated)
- IP56 Ingress Protection rated
- · May be installed in housings in direct contact with insulation* and combustible material
- Air-Tite code compliant, Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- 90 CRI (R9 > 50) can be used to comply with California Title 24 high efficacy requirements. California Title 20 Certified for residential compliance.
- Can be used for International Energy Conservation Code (IECC) high efficiency luminaire compliance
- ENERGY STAR® certified downlight retrofit
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits, suitable for use in residential and commercial installations
- Contains no mercury or lead and RoHS compliant
- · Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21
- Can be used in closets. Compliant with NFPA 70, NEC section 410.16 (A)(1) and 410.16 (C)(3).

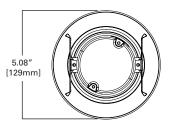
*Not to be used in housings in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

LT560 Ordering Information

Models	Finish	Lumen	CRI / CCT	Accessory (Order Separately)
LT560 = 5"/6" Retrofit baffle	WH = matte white baffle	6 = 600 lumen nominal 12 = 1200 lumen nominal	927 = 90CRI, 2700K 930 = 90CRI, 3000K 935 = 90CRI, 3500K 940 = 90CRI, 4000K 950 = 90CRI, 5000K	HE26LED = Replacement screw base adapter (one included with unit)







LA4

4" LED All-Purpose Adjustable Gimbal

The Halo LA4 LED Adjustable Downlight series are adjustable LED Modules for 4" aperture recessed downlights. The LA4 gimbals feature adjustment of 35-degree tilt and up to 360-degree rotation. The lens provides uniform illumination and wet location listing.. Precision construction makes any housing AIR-TITE for added savings and code compliance.

















Features

Mechanical - Module

- Module construction includes LED Array, heat sink, reflector, lens, baffle and trim ring.
- Heat sink designed to conduct heat away from the LED Array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments

Lens

- Regressed lens
- Impact-resistant polycarbonate
- Diffusing for even illumination

LED Array

- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy within 3 SDCM provide color accuracy and uniformity.
- Color Temperatures (CCT) available in 2700K, 3000K, 3500K, 4000K, or 5000K

Optical Assembly

- Regressed lens
- Impact-resistant polycarbonate
- Diffuse for even illumination

Driver

- Integral 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 10%.
- Inline electrical quick connect and E26 adapter (provided) provides mains connections
- Consult instruction sheets and for more information

Retention

- Push-N-Twist universal installation clips
- Clips are pre-installed and designed to fit 4" compatible recessed housings

Gaskets

 Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance

UL Certified

Halo Recessed Catalog - LED Recessed Downlighting

- Wet and Damp location listed.
- Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- · Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08

- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-E.
- Can be used International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings

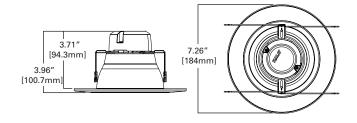
LA4 Energy Data

Input Voltage: 120V	
Input Current: 74 (mA)	
Input Power: 8.6W	
THD: ≤ 20%	
Power Factor: ≥ 0.90	
T Ambient: -30°C to +40°C	
Sound Rating: ≤ 22dba	

LA4 Series Ordering Information

Models	Lumens	CRI / CCT	Driver	Finish	Accessory (Order Separately)
LA4 = 4" LED Adjustable Gimbal	06 = 600 lumen (nominal)	927 = 90CRI, 2700K 930 = 90CRI, 3000K 935 = 90CRI, 3500K 940 = 90CRI, 4000K 950 = 90CRI, 5000K	1E = 120V 60Hz leading or trailing edge phase cut 10% dimming	WH = matte white baffle	HE26LED = Replacement screw base adapter (one included with unit)





LA56

5"/6" LED All-Purpose Adjustable Gimbal

The Halo LA56 LED Adjustable Downlight series are adjustable LED Modules for 5" or 6" aperture recessed downlights. The LA56 gimbals feature adjustment of 35-degree tilt and up to 360-degree rotation. The lens provides uniform illumination and wet location listing. Precision construction makes any housing AIR-TITE for added savings and code compliance.



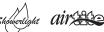












Features

Mechanical - Module

- Module construction includes LED Array, heat sink, reflector, lens, baffle and trim ring.
- Heat sink designed to conduct heat away from the LED Array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments

Lens

- Regressed lens
- Impact-resistant polycarbonate
- Diffusing for even illumination

LED Array

- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy within 3 SDCM provide color accuracy and uniformity.
- Color Temperatures (CCT) available in 2700K, 3000K, 3500K, 4000K, or 5000K

Optical Assembly

- Regressed lens
- Impact-resistant polycarbonate
- Diffuse for even illumination

Driver

- Integral 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 10%.
- Inline electrical quick connect and E26 adapter (provided) provides mains connections
- Consult instruction sheets for more information

Retention

 Torsion springs are pre-installed and adjust to fit 5" or 6" compatible housings

Gaskets

Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance

- UL Certified
- Wet and Damp location listed.
- Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits.
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08

- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-E.
- Can be used International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings.

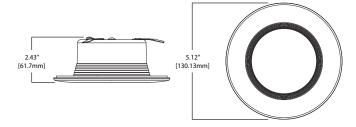
LA56 Energy Data

Input Voltage: 120V	
Input Current: 74 (mA)	
Input Power: 8.6W	
THD: ≤ 20%	
Power Factor: ≥ 0.90	
T Ambient: -30°C to +40°C	
Sound Rating: ≤ 22dba	

LA56 Series Ordering Information

Models	Lumens	CRI / CCT	Driver	Finish	Accessory (Order Separately)
LA56 = 5"/6" LED Adjustable Gimbal	06 = 600 lumen (nominal)	927 = 90CRI, 2700K 930 = 90CRI, 3000K 935 = 90CRI, 3500K 940 = 90CRI, 4000K 950 = 90CRI, 5000K	1E = 120V 60Hz leading or trailing edge phase cut 10% dimming	WH = matte white baffle	HE26LED = Replacement screw base adapter (one included with unit)





RI 4

4" LED All-Purpose Retrofit Module with SeleCCTable switch

The Halo RL4 SeleCCTable™ is a complete LED Baffle-Trim Module for 4-inch aperture recessed downlights; suitable for new construction, remodel and retrofit installation. Using the CCT selectable switch users can chose between five different color temperatures. The lens provides uniform illumination and wet location listing. Precision construction makes any housing AIR-TITE for added savings and code compliance.





















Features

CCT Select System

Use the switch to choose between 2700K, 3000K, 3500K, 4000K, and 5000K CCT.

Module - Trim

- Module construction includes LED array, heat sink, reflector, lens, baffle and trim ring.
- Regressed baffle
- Heat sink designed to conduct heat away from the LED array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments.

LED Array

- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy at 4 SDCM in between endpoints, provide color accuracy and uniformity.
- Color Temperature (CCT) has a selectable range from 2700K to 5000K (factory default 3000K)

Optical Assembly

- · Regressed lens
- Impact-resistant polycarbonate
- Convex form and lamp-like appearance
- · Diffuse for even illumination

Driver

- Integral 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5%.

- Inline electrical guick connect and E26 adapter (provided) provides mains connections
- · See Dimming Guide for compatible dimmers

Retention

- · Push-N-Twist universal installation clips
- Clips are pre-installed and designed to fit 4" compatible recessed housings

Designer Trims (Sold Separately)

RL4 skins are accessory rings that attach to the RL4 for a permanent finish. Refer to the RL4 accessories specification sheet for details.

- · White (Paintable)
- Satin Nickel
- · Tuscan Bronze

Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance

- UL Certified
- · Wet and Damp location listed
- · Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- · Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08

- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-E.
- Can be used International Energy Conservation Code (IECC) high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings

RL4 Energy Data

	-	
	RL4069S1EWH	RL4099S1EWH
Lumens	621 @ 4000K	1006 @ 5000K
Voltage	120V	120V
Frequency	50/60 Hz	50/60 Hz
Input Power	7.6W	11.7W
Input Current	0.075A - 0.0875A (Per input power)	0.075A - 0.0875A (Per input power)
Power Factor	>0.90	>0.90
THD	<20%	<20%
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (Consumer)	FCC Title 47 CFR, Part 15, Class B (Consumer)
Sound Rating	Class A	Class A
Minimum Starting Temp.	-30°C (-22°F)	-30°C (-22°F)

RL4 Series Ordering Information

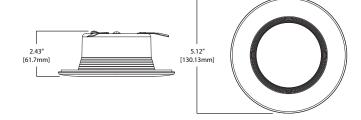
Models	Lumens	CRI / CCT	Driver	Finish	Accessory (Order Separately)
RL4 = 4" All-Purpose Retrofit LED Module	06 = 600 lumens (nominal) 09 = 900 lumens (nominal)	9S = 90 CRI minimum, white tuning, selectable CCT 2700K-5000K	1E = 120V 60Hz leading or trailing edge phase cut 1% dimming	WH = matte white baffle	RL4TRMWHB = 4" White Paintable Trim Ring, Baffle RL4TRMSNB = 4" Satin Nickel Trim Ring, Baffle RL4TRMTBZB = 4" Tuscan Bronze Trim Ring, Baffle RL4TRMWH = 4" White Paintable Trim Ring RL4TRMSN = 4" Satin Nickel Trim Ring RL4TRMTBZ = 4" Tuscan Bronze Trim Ring HE26LED = Replacement screw base adapter (one included with unit)



RL4

4" LED All-Purpose Retrofit Module

The Halo RL4 series is a retrofit LED baffle-trim module for 4" aperture recessed downlights. The RL4 is designed for use with compatible 4" housings. The RL4 integral LED driver is dimmable at 120 volts. The RL4 lens provides uniform illumination and wet location listing. Precision construction makes any housing Air-Tite for added HVAC savings and code compliance.



















Features

Mechanical Module - Trim

- Module construction includes LED, heat sink, reflector, lens, baffle and trim ring
- Durable aluminum construction
- · Regressed baffle
- Heat sink designed to conduct heat away from the LED keeping the junction temperatures below specified maximums, even in insulated ceilings

Designer Trims (Sold Separately)

RL4 designer trims are accessories

- · White (paintable)
- Satin nickel
- Tuscan bronze

Lens

- · Regressed lens
- Impact-resistant polycarbonate
- Convex form for lamp-like appearance
- · High lumen transmission
- · Diffusing for even illumination

Mounting

- Push-N-Twist universal installation clips
- Clips are pre-installed and designed to fit 4" compatible recessed housings

LED

- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, 4000K, and 5000K
- Color Rendering Index (CRI): 90 CRI
- LED is a chip on board design consisting of a multiple LED package with proximity phosphor coating to create one virtual white light source for a productive "cone of light"
- 600 nominal lumens, range dependent on CCT and CRI
- · Lumen maintenance L70 at 50,000 hours

LED Driver

- · With the latest "driver-on-board" electronic technology, the driver is integrated in the module
- Integral to the housing, 120V 50/60 Hz constant current dimmable driver provides high-efficiency operation
- Driver meets FCC 47CFR Part 15 EMI/RFI consumer limits for use in residential and commercial installations
- Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure
- If dimming is not required the fixture can be operated from a standard wall switch

Electrical Power Connections

- LED connector is a non-screw base luminaire disconnect offering easy installation with the matching Halo H995 series housings
- LED Connector meets California Title 24 high efficacy luminaire requirement for a non-screw base socket, and to qualify as a high efficacy luminaire
- The included E26 medium screw base Edison adapter provides easy retrofit of incandescent housings
- Separate grounding cable included on the RL4 module for attachment to the housing during installation

Dimming

- Designed for continuous dimming capability to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers (Dimmers with low end trim adjustment offer greater assurance of achieving 5% level)
- Consult dimmer manufacturer for compatibility and conditions of use (Note some dimmers require a neutral in the wallbox)

Compliance

- · UL Certified for US and Canada
- · UL Certified for damp location
- · UL Certified for wet location, covered ceiling, shower rated
- IP65 Ingress Protection rated
- · May be installed in IC rated housings in direct contact with insulation** and combustible material
- Air-Tite certified per ASTM E283 not exceeding 2.0 CFM under 1.57psf (75 Pascals) pressure difference
- 90 CRI (R9 > 50) can be used to comply with California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- 80 CRI can be used to comply with California Title 24 non-residential lighting controls requirements as a LED luminaire
- Can be used for International Energy Conservation Code (IECC) high efficiency luminaire compliance
- ENERGY STAR® certified downlight retrofit
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits, suitable for use in residential and commercial
- · Contains no mercury or lead and RoHS compliant
- · Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21
- Suitable for use in closets. Compliant with NFPA 70, NEC Sec. 410.16 (A)(1) and 410.16 (C)(3)

RL4 Energy Data

RL4 Series (Values at non-dimming line voltage) Minimum Starting Temp: -30°C (-22°F) EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer) Sound Rating: Class A Input Voltage: 120V Power Factor: >0.90 Input Frequency: 50/60Hz Input Power: 7.3W - 10.0W (per CRI and CCT) Input Current: 0.075A - 0.0875A (per input power)

RL4 Series Ordering Information

RL4 LED Module

90 CRI

RL460WH927PK = 4" Retrofit baffle, 2700K, matte white RL460WH930PK = 4" Retrofit baffle, 3000K, matte white RL460WH935PK = 4" Retrofit baffle, 3500K, matte white RL460WH940PK = 4" Retrofit baffle, 4000K, matte white **Accessories (Order Separately)** RL4TRMWH = 4" White paintable trim ring RL4TRMSN = 4" Satin nickel trim ring RL4TRMTBZ = 4" Tuscan bronze trim ring

RL4TRMWHB = 4" White paintable trim ring, baffle RL4TRMSNB = 4" Satin nickel trim ring, baffle RL4TRMTBZB = 4" Tuscan bronze trim ring. baffle

HE26LED = Replacement screw base adapter (one included with unit)









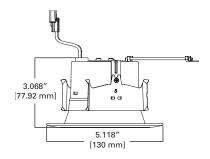






**Not to be used in housings in direct contact with spray foam insulation. (Consult NEMA LSD57-2013)





RLD4

4" LED Deep Baffle Retrofit Module

The Halo RL4 Deep Baffle is a complete LED Baffle-Trim Module for 4-inch aperture recessed downlights; suitable for new construction, remodel and retrofit installation. The regressed lens provides uniform illumination and wet location listing. Precision construction makes any housing AIR-TITE for added savings and code compliance.

















Features

Module - Trim

- Module construction includes LED Array, heat sink, reflector, lens, baffle and trim ring.
- · Regressed Coilex baffle
- Heat sink designed to conduct heat away from the LED Array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments.

LED Array

- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy within 3 SDCM provide color accuracy and uniformity

Optical Assembly

- Regressed lens
- · Impact-resistant polycarbonate
- · Convex form and lamp-like appearance
- · Diffuse for even illumination

Baffles

Each unit comes with a white baffle insert and black baffle insert.

Driver

- Integral 120V 50/60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5%.
- Inline electrical quick connect and E26 adapter (provided) provides mains connections
- Consult instruction sheets and quick start guide for more information

Retention

- Precision formed spring blades secure module with friction fit to compatible housings.
- Friction blade design allows the RA4 to be installed in any position within the housing aperture (360 degrees)

Gaskets

 Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance

- UL Certified
- · Wet and Damp location listed
- · Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-E.
- Can be used International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings
- Meets State of California voluntary lamp standards
- · Lighting Facts labeled

RLD4 Energy Data @ 3000K

NLD4 Lileigy Data	SOUCK
Lumens: 681	
Input Voltage: 120V	
Input Current: 0.073A	
Input Power: 8.5W	
THD: 17.5%	
Frequency: 60 Hz	
Efficacy: 80.1 LPW	
Power Factor: 0.99	
T Ambient: -30°C to +40°C	
Sound Rating: Class A	

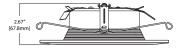
RLD4 Series Ordering Information

Models	Lumens	CRI / CCT	Driver	Finish	Accessory (Order Separately)
RLD4 = 4" deep baffle retrofit LED module	06 = 600 lumens (nominal)	930 = 90 CRI minimum, 3000K CCT	1E = 120V 50/60Hz leading or trailing edge phase cut 1% dimming	WH = matte white trim, white baffle and black baffle included	HE26LED = Replacement screw base adapter (one included with unit)

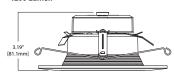
RL56 - 600, 900 & 1200 SeleCCTable Series

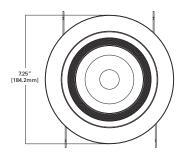


600/900 Lumen



1200 Lumen





RL56

5"/6" LED All-Purpose Retrofit Module with SeleCCTable switch

The Halo RL56 SeleCCTable™ is a complete LED Baffle-Trim Module for 5 inch and 6 inch aperture recessed downlights; suitable for new construction, remodel and retrofit installation. Using the CCT selectable switch users can chose between five different color temperatures. The lens provides uniform illumination and wet location listing. Precision construction makes any housing AIR-TITE for added savings and code compliance.













4000K • 5000K

Features

CCT Select System

 Use the switch to choose between 2700K, 3000K, 3500K, 4000K, and 5000K CCT.

Module - Trim

- Module construction includes LED array, heat sink, reflector, lens, baffle and trim ring.
- · Regressed baffle
- Heat sink designed to conduct heat away from the LED array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments.

LED Array

- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy at 4 SDCM in between endpoints, provide color accuracy and uniformity.
- Color Temperature (CCT) has a selectable range from 2700K to 5000K (factory default 3000K)

Optical Assembly

- Regressed lens
- Impact-resistant polycarbonate
- Convex form and lamp-like appearance
- Diffuse for even illumination

Driver

- Integral 120V 60 Hz constant current driver provides noise free operation
- · Continuous, flicker-free dimming from 100% to 5%.
- Inline electrical quick connect and E26 adapter (provided) provides mains connections
- · See Dimming Guide for compatible dimmers

Retention

- Integral torsion springs and Push-N-Twist clips offer two mounting options
- Torsion springs are pre-installed and adjust to fit 5" or 6" compatible housings
- Push-N-Twist universal installation clips are pre-installed and designed to fit 5" or 6" compatible housings

Designer Trims (Sold Separately)

RL4 skins are accessory rings that attach to the RL4 for a permanent finish. Refer to the RL4 accessories specification sheet for details.

- White (Paintable)
- Satin Nickel
- Tuscan Bronze

Gaskets

 Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance

- UL Certified
- · Wet and Damp location listed.
- · Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES I M-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-F
- Can be used International Energy Conservation Code (IECC) high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings

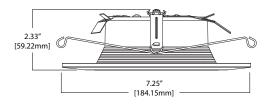
RL56 Energy Data

	RL56069S1EWH	H RL56099S1EWH	RL56129S1EWH		
Lumens	721 @ 4000K	1006 @ 4000K	1272 @ 5000K		
Input Power	7.6W	12.1W	14W		
Voltage		120V			
Frequency	50/60 Hz				
Input Current		0.15 A			
Power Factor	>0.90				
THD	<20%				
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (Consumer)				
Sound Rating	Class A				
Minimum Starting Temp.	-30°C (-22°F)				

RL56 Series Ordering Information

Models	Lumens	CRI / CCT	Driver	Finish	Accessory (Order Separately)
RL56 = 5"/6" All-Purpose Retrofit LED Module	06 = 600 lumens (nominal) 09 = 900 lumens (nominal) 12 = 1200 lumens (nominal)	9S = 90 CRI minimum, white tuning, selectable CCT 2700K-5000K	1E = 120V 60Hz leading or trailing edge phase cut 1% dimming	WH = matte white baffle	RL56TRMWHB = 5"/6" White Paintable Trim Ring, Baffle RL56TRMSNB = 5"/6" Satin Nickel Trim Ring, Baffle RL56TRMTBZB = 5"/6" Tuscan Bronze Trim Ring, Baffle RL56TRMWH = 5"/6" White Paintable Trim Ring RL56TRMWH = 5"/6" White Paintable Trim Ring RL56TRMTBZ = 5"/6" Satin Nickel Trim Ring RL56TRMTBZ = 5"/6" Tuscan Bronze Trim Ring HE26LED = Replacement screw base adapter (one included with unit)





RL560WH6xxx – 600 Series RL560WH9xxx – 900 Series RL560WH12xxx – 1200 Series

5"/6" LED Retrofit Module

The Halo RL560 is a complete LED baffle-trim module for 5" and 6" aperture recessed downlights; suitable for new construction, remodel and retrofit installation. The RL560 is UL Certified for use with Halo housings and other compatible 5" and 6" housings. The RL560 with integral LED driver offers 120 volt dimming capability. The RL560 lens provides uniform illumination and wet location listing. Precision construction makes any housing Air-Tite code compliant. Compliant with NFPA 70, NEC section 410.16 (A)(1) and 410.16 (C)(3).

90 CRI















Features

Mechanical - Module

- Module construction includes LED, heat sink, reflector, lens, baffle and trim ring
- Trim ring is sized to fit 5" and 6" recessed housings and features a visually appealing graduated step design
- · Regressed baffle
- Heat sink designed to conduct heat away from the LED keeping the junction temperatures below specified maximums, even in insulated ceilings
- · Durable aluminum construction

Lens

- Regressed lens
- · Impact-resistant polycarbonate
- · Convex form for lamp-like appearance
- Diffusing for even illumination

Mounting

- Integral torsion springs and Push-N-Twist clips offer two mounting options
 - Torsion springs are pre-installed and adjust to fit 5" or 6" compatible housings
 - Push-N-Twist universal installation clips are pre-installed and designed to fit 5" or 6" compatible housings

ΙFΓ

- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, 4000K, and 5000K
- Color Rendering Index (CRI): 90 (See ordering table for available models)
- 600 nominal lumen series, range dependent on CCT and CRI
- 900 nominal lumens, range dependent on CCT and CRI
- Lumen maintenance L70 at 50,000 hours

LED Chromaticity

- A tight chromaticity specification ensures LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) over the useful life of the LED
- LED chromaticity of 3 SDCM exceeds ENERGY STAR® color standards per ANSI C78.377-2008
- Every Halo LED is quality tested, measured, and serialized in a permanent record to register lumens, wattage, CRI and CCT

Electrical Power Connections

- LED connector is a non-screw base luminaire disconnect offering easy installation with the matching Halo 5" H550 and 6" H750, H2750 LED housings
- LED connector meets California Title 24 high efficacy luminaire requirement for a non-screw base socket, and where required to qualify as a high efficacy luminaire
- The included E26 medium screw base Edison adapter provides easy retrofit of incandescent housings (see specifications online for housing compatibility)

LED Driver

- With the latest "driver-on-board" electronic technology, the driver is integrated in the module
- 120V 50/60 Hz constant current dimmable driver provides high efficiency operation
- Driver meets FCC 47CFR Part 15 EMI/RFI consumer limits for use in residential and commercial installations
- Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming

- Designed for continuous dimming capability to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimmers with low end trim adjustment offer greater assurance of achieving 5% level.
- Consult dimmer manufacturer for compatibility and conditions of use
- · Note, some dimmers require a neutral in the wallbox

Compliance

- UL Certified for US and Canada
- UL Certified (with other housings) see specifications online for housing compatibility
- UL Certified for damp location
- UL Certified for wet location covered ceiling shower rated
- · IP56 Ingress Protection rated
- May be installed in housings in direct contact with insulation* and combustible material
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- 90 CRI (R9 > 50) can be used to comply with California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- Suitable for use in closets. Compliant with NFPA 70, NEC Sec. 410.16 (A)(1) and 410.16 (C)(3).
- ENERGY STAR® certified downlight retrofit
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits, suitable for use in residential and commercial installations
- · Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21

*Not to be used in housings in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

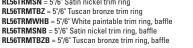
RL56 600, 900 & 1200 Series Ordering Information

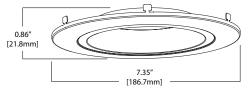
600 Series - 90 CRI	900 Series - 90 CRI	1200 Series - 90 CRI
RL560WH6927 = 5"/6" Retrofit baffle, 2700K, matte white	RL560WH9927 = 5"/6" Retrofit baffle, 2700K, matte white	RL560WH12927 = 5"/6" Retrofit baffle, 2700K, matte white
RL560WH6930 = 5"/6" Retrofit baffle, 3000K, matte white	RL560WH9930 = 5"/6" Retrofit baffle, 2700K, matte white	RL560WH12930 = 5"/6" Retrofit baffle, 2700K, matte white
RL560WH6935 = 5"/6" Retrofit baffle, 3500K, matte white	RL560WH9935 = 5"/6" Retrofit baffle, 3500K, matte white	RL560WH12935 = 5"/6" Retrofit baffle, 3500K, matte white
RL560WH6940 = 5"/6" Retrofit baffle, 4000K, matte white	RL560WH9940 = 5"/6" Retrofit baffle, 4000K, matte white	RL560WH12940 = 5"/6" Retrofit baffle, 4000K, matte white
RL560WH6950 = 5"/6" Retrofit baffle, 5000K, matte white	RL560WH9950 = 5"/6" Retrofit baffle, 5000K, matte white	RL560WH12950 = 5"/6" Retrofit baffle, 5000K, matte white

Accessories (Order Separately)

Designer Trims

Fit over the RL56 for a designer finish **RL56TRMWH** = 5"/6" White paintable trim ring **RL56TRMSN** = 5"/6" Satin nickel trim ring RL56TRMTBZ = 5"/6" Tuscan bronze trim ring RL56TRMWHB = 5"/6" White paintable trim ring, baffle









Satin Nickel





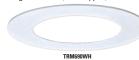


Oversize Trim Rings

OT400P = Oversize flat white metal trim ring 6" ID x 9-1/4" OD (ring slips behind RL56 ring, in stepped configuration) OT403P = Oversize white plastic trim ring 6" ID x 8" OD (ring slips behind RL56 ring, in stepped configuration)

TRM690WH = Oversize matte white metal trim ring. Designed for RL56 ring to inset into oversize ring for an even (non-stepped) trim surface





E26 Screw Base Adapter

HE26LED = Replacement screw base adapter (one included with unit)



RL56 Energy Data

600 Series

Minimum Starting Temp: -30°C (-22°F)

EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer)

Sound Rating: Class A

Input Voltage: 120V

Power Factor: >0.90 Input Frequency: 60Hz

THD: <20%

Input Power: 7.3W - 9.7W (per CRI and CCT)

Input Current: 0.15A

900 Series

Minimum Starting Temp: -30°C (-22°F) EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer) Sound Rating: Class A Input Voltage: 120V Power Factor: >0.90 Input Frequency: 60Hz THD: <20%

1200 Series

Input Power: 13.5W

Input Current: 0.15A

Minimum Starting Temp: -30°C (-22°F)

EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer)

Sound Rating: Class A

Input Voltage: 120V

Power Factor: >0.90

Input Frequency: 60Hz

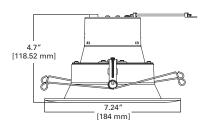
THD: <20%

Input Power: 17.3W - 18.0W (per CRI and CCT)

Input Current: 0.15A

Refer to specification online for further information www.eaton.com/lighting





RLD6

6" LED Deep Baffle Retrofit Module

The Halo RL6 Deep Baffle is a complete LED Baffle-Trim Module for 6 inch aperture recessed downlights; suitable for new construction, remodel and retrofit installation. The regressed lens provides uniform illumination and wet location listing. Precision construction makes any housing AIR-TITE for added savings and code compliance.

















Features

Module - Trim

- Module construction includes LED Array, heat sink, reflector, lens, baffle and trim ring.
- Regressed Coilex baffle
- Heat sink designed to conduct heat away from the LED Array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments

LED Array

- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy within 3 SDCM provide color accuracy and uniformity

Optical Assembly

- Regressed lens
- · Impact-resistant polycarbonate
- Convex form and lamp-like appearance
- Diffuse for even illumination

Each unit comes with a white baffle insert and black baffle insert.

Driver

- Integral 120V 50/60 Hz constant current driver provides noise free operation
- In the mobile app, continuous, flicker-free dimming from 100% to 5%

- Inline electrical quick connect and E26 adapter (provided) provides mains connections
- Consult instruction sheets and quick start guide for more information

Retention

Torsion Springs

- · Integral torsion springs offer two mounting options
- Torsion springs are pre-installed and adjust to fit 5" or 6" compatible housings

Friction Blades

- Provide alternative to torsion springs for retrofit in 5" and 6" housings without torsion spring mounting tabs.
- Friction blade design allows the RL560 to be installed in any position within the housing aperture (360 degrees).

Gaskets

Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance

- **UL** Certified
- · Wet and Damp location listed.
- · Airtight certified per ASTM-E283
- · Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- · EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- · Contains no mercury or lead and RoHS compliant
- · Photometric testing in accordance with IES LM-79-08

- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-
- Can be used International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listinas
- Meets State of California voluntary lamp standards
- · Lighting Facts labeled

RLD6 Energy Data @ 3000K

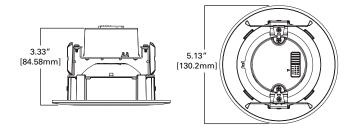
Lumens: 668	
Input Voltage: 120V	
Input Current: 0.073A	
Input Power: 8.5W	
THD: 17.5%	
Frequency: 60 Hz	
Efficacy: 78.6 LPW	
Power Factor: 0.99	
T Ambient: -30°C to +40°C	
Sound Rating: Class A	

RLD6 Series Ordering Information

Models	Lumens	CRI / CCT	Driver	Finish	Accessory (Order Separately)
RLD6 = 6" deep baffle retrofit LED module	06 = 600 lumens (nominal)	930 = 90 CRI minimum, 3000K CCT	1E = 120V 50/60Hz leading or trailing edge phase cut 1% dimming		HE26LED = Replacement screw base adapter (one included with unit)
					-







RA4

4" LED All-Purpose Retrofit Module with SeleCCTable switch

The Halo RA4 SeleCCTable™ LED Adjustable Gimbal is a complete LED Baffle-Trim Module for 4-Inch aperture recessed downlights. It is suitable for new construction, remodel and retrofit installation. Using the CCT selectable switch users can chose between five different color temperatures. The RA4 SeleCCTable Gimbals feature adjustment of 35-degree tilt and up to 360-degree rotation.



IECC









Features

CCT Select System

Use the switch to choose between 2700K, 3000K, 3500K, 4000K, and 5000K CCT.

Module - Trim

- Module construction includes LED array, heat sink, reflector, lens, baffle and trim ring.
- · Regressed baffle
- · Heat sink designed to conduct heat away from the LED array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments.
- Up to 360-degree rotation
- · 35-degree tilt
- · Halo matte white paint finish

LED Array

- · Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy at 4 SDCM in between endpoints, provide color accuracy and uniformity.
- Color Temperature (CCT) has a selectable range from 2700K to 5000K (factory default 3000K)

Optical Assembly

- Regressed lens
- · Impact-resistant polycarbonate
- Convex form and lamp-like appearance
- · Diffuse for even illumination

Driver

- Integral 120V 60 Hz constant current driver provides noise
- Continuous, flicker-free dimming from 100% to 5%.
- Inline electrical guick connect and E26 adapter (provided) provides mains connections
- See Dimming Guide for compatible dimmers

Retention

- Precision formed spring blades secure module with friction fit to compatible housings.
- · Friction blade design allows the RA4 to be installed in any position within the housing aperture (360 degrees)

· Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance

- **UL** Certified
- Damp location listed
- EMI/RFI emissions per FCC 47CFR Part 15 consumer
- · Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- · Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- · Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-E.
- Can be used International Energy Conservation Code (IECC) high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listinas

RA4 Energy Data @ 3000K

Lumens: 600 Series	
Input Voltage: 120V	
Input Current: .065 (mA)	
Input Power: 7.0W	
Efficiency: 87.9%	
Inrush (A): .51	
THD: ≤ 20%	
Power Factor: ≥ 0.90	
T Ambient: -30°C to +40°C	
Sound Rating: ≤ 22dba	

RA4 Series Ordering Information

Models	Lumens	CRI / CCT	Driver	Finish	Accessory (Order Separately)
RA4 = 4" LED adjustable gimbal	06 = 600 lumens (nominal)	9S = 90 CRI minimum, white tuning, selectable CCT 2700K-5000K	1E = 120V 60Hz leading or trailing edge phase cut 1% dimming	WH = matte white baffle	HE26LED = Replacement screw base adapter (one included with unit)
					\



4" Adjustable Gimbals All-Purpose LED Retrofit Modules

The Halo RA4 LED adjustable gimbal series are retrofit LED modules for 4" aperture recessed downlights. The RA4 gimbals feature adjustment of 35-degree tilt and up to 360-degree rotation. In addition the RA4 gimbals offer selection of narrow flood (NFL) and very wide flood (VWFL) models for beam distributions suitable for accent, task, grazing and general area lighting. The RA4 integral LED 120V driver is dimmable with most leading edge and trailing edge phase control dimmers.













Features

Mechanical Module - Trim

- Module includes LED, heat sink, reflector, lens optic, baffle reveal, and trim ring
- · Durable die-cast aluminum construction
- Integrated heat sink design conducts heat away from the LED keeping the junction temperatures below specified maximums, even in insulated ceilings
- Halo matte white paint finish
- 35-degree tilt
- Up to 360-degree rotation

Optics - Narrow Flood (NFL)

- · Precision acrylic lens
- Optical design creates a clean, uniform 25-degree beam distribution

Optics - Very Wide Flood (VWFL)

- Impact-resistant polycarbonate
- Convex form for lamp-like appearance
- Diffusing, wide beam for even illumination

Mounting - Friction Blades

- Precision formed spring blades secure module with friction fit to compatible housings
- Friction blade design allows the RA4 to be installed in any position within the housing aperture (360 degrees)

LED

- Correlated Color Temperature (CCT): 2700K, 3000K
- Color Rendering Index (CRI): 90 CRI (R9 > 50)
- LED is a chip on board design consisting of a multiple LED package with proximity phosphor coating to create one virtual white light source for a productive "cone of light"

- · 600 nominal lumens, range dependent on CCT and optic
- Lumen maintenance L70 at 50,000 hours

LED Driver

- Dimmable driver is a 120 Volt, high efficiency, electronic power supply providing DC power to the LED
- Driver meets FCC 47CFR Part 15 EMI/RFI consumer level limits for use in residential and commercial installations
- · Driver features high power factor, low THD, and has integral thermal protection in the event of over temperature or internal failure
- · If dimming is not required the fixture can be operated from a standard wall switch

Electrical Power Connections

- LED connector is a non-screw base luminaire disconnect offering easy installation with the matching Halo H995 series housings
- LED connector meets high efficacy luminaire requirements for a non-screw base socket, and to qualify as a high efficacy luminaire (California Title 24)
- · The included E26 medium screw base Edison adapter provides easy retrofit of incandescent housings
- Separate grounding cable included on the module for attachment to the housing during installation

Dimming

- The Halo RA4 LED is designed for dimming capability to nominally 5% with many standard 120V leading edge (LE) and trailing edge (TE) phase control dimmers
- Dimming to 5% is best assured using dimmers with low end trim adjustment
- Consult dimmer manufacturer for dimmer details (Note, some dimmers require a neutral in the wallbox)

Compliance

- · UL Certified for US and Canada
- UL Certified (with other housings see specification sheet online)
- UL Certified for damp location
- May be installed in housings in direct contact with insulation** and combustible material
- IP ingress protection rating
 - NFL models: IP25
 - VWFL models: IP34
- . ENERGY STAR® certified downlight retrofit
- Can be used for State of California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- Can be used for International Energy Conservation Code (IECC) high efficacy luminaire compliance
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits, suitable for use in residential and commercial
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21

DA4 Enguery Date

- LPS output

- UL8750 Compliant

RA4 Energy Data	
RA4 Series (Values at non-dimming line voltage)	
Minimum Starting Temp: -30°C (-22°F)	_
EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer)	_
Sound Rating: Class A standards	_
Input Voltage: 120V	_
Power Factor: >0.90	_
Input Frequency: 50/60Hz	
THD: <20%	
Input Power: 10W	
Input Current: 85mA	
Driver-Safety Agency Approvals: - UL60950-1 Recognized	

RA4 Series Ordering Information

RA4 LED Adjustable Gimbal

Very Wide Flood - VWFL Models RA406927WH = 4" LED adjustable gimbal, 90 CRI, 2700K, matte white RA406930WH = 4" LED adjustable gimbal, 90 CRI, 3000K, matte white

Narrow Flood - NFL Models

RA406927NFLWH = 4" LED adjustable gimbal, 90 CRI, 2700K, matte white RA406930NFLWH = 4" LED adjustable gimbal, 90 CRI, 3000K, matte white

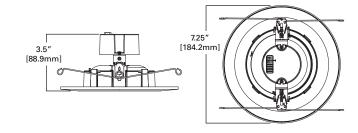
Accessories (Order Separately)

HE26LED = Replacement screw base adapte (one included with unit)



^{**}Not to be used in housings in direct contact with spray foam insulation. (Consult NEMA LSD57-2013)





RA56

5"/ 6" LED All-Purpose Retrofit Module with SeleCCTable switch

The Halo RA56 SeleCCTable™ LED Adjustable Gimbal is a complete LED Baffle-Trim Module for 5-Inch or 6-Inch aperture recessed downlights. It is suitable for new construction, remodel and retrofit installation. Using the CCT selectable switch users can chose between five different color temperatures. The RA56 SeleCCTable Gimbals feature adjustment of 35-degree tilt and up to 360-degree rotation.



IECC









Features

CCT Select System

Use the switch to choose between 2700K, 3000K, 3500K, 4000K, and 5000K CCT.

Module - Trim

- Module construction includes LED array, heat sink, reflector, lens, baffle and trim ring.
- · Regressed baffle
- · Heat sink designed to conduct heat away from the LED array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments.
- Up to 360-degree rotation
- · 35-degree tilt
- · Halo matte white paint finish

LED Array

- · Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy at 4 SDCM in between endpoints, provide color accuracy and uniformity.
- Color Temperature (CCT) has a selectable range from 2700K to 5000K (factory default 3000K)

Optical Assembly

- Regressed lens
- Impact-resistant polycarbonate
- Convex form and lamp-like appearance
- · Diffuse for even illumination

Driver

- Integral 120V 60 Hz constant current driver provides noise
- Continuous, flicker-free dimming from 100% to 5%.
- Inline electrical guick connect and E26 adapter (provided) provides mains connections
- See Dimming Guide for compatible dimmers

Retention

- Integral torsion springs and Push-N-Twist clips offer two mounting options
- Torsion springs are pre-installed and adjust to fit 5" or 6" compatible housings
- Push-N-Twist universal installation clips are pre-installed and designed to fit 5" or 6" compatible housings

Gaskets

· Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance

- UL Certified
- Damp location listed.
- EMI/RFI emissions per FCC 47CFR Part 15 consumer
- · Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- · Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- · Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-
- Can be used International Energy Conservation Code (IECC) high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings

RA56 Energy Data @ 3000K

Lumens: 600 Series	
Input Voltage: 120V	
Input Current: .065 (mA)	
Input Power: 7.0W	
Efficiency: 90%	
Inrush (A): .91	
THD: ≤ 20%	
Power Factor: ≥ 0.90	
T Ambient: -30°C to +40°C	
Sound Rating: ≤ 20dba	

RA56 Series Ordering Information

Models	Lumens	CRI / CCT	Driver	Finish	Accessory (Order Separately)
RA56 = 5"/6" LED adjustable gimbal	06 = 600 lumens (nominal)	9S = 90 CRI minimum, white tuning, selectable CCT 2700K-5000K	1E = 120V 60Hz leading or trailing edge phase cut 1% dimming	WH = matte white baffle	HE26LED = Replacement screw base adapter (one included with unit)



5"/6" LED Adjustable Gimbal - 5 Inch Application

The Halo RA56 LED adjustable gimbal series are retrofit LED modules for 5" and 6" aperture recessed downlights; suitable for new construction, retrofit and remodel. The RA56 gimbals feature adjustment of 35-degree tilt and up to 360-degree rotation. In addition the RA56 gimbals offer selection of narrow flood (NFL) and very wide flood (VWFL) models for beam distributions suitable for accent, task, grazing and general area lighting.















Features

Mechanical - Module

- Module includes LED, heat sink, reflector, lens optic, baffle reveal, and trim ring
- Trim ring is sized to fit 5" and 6" recessed housing openings, and features a visually appealing graduated step design
- Durable die-cast aluminum construction
- Integrated heat sink design conducts heat away from the LED keeping the junction temperatures below specified maximums, even in insulated ceilings
- 35-degree tilt
- Pre-installed torsion spring adjust to fit 5" or 6" compatible housings
- . Up to 360-degree rotation

Narrow Flood (NFL) Optics

- Precision acrylic lens
- Optical design creates a clean, uniform 25-degree beam

Very Wide Flood (VWFL) Optics

- · Impact-resistant polycarbonate
- Convex form for lamp-like appearance
- Diffusing, wide beam for even illumination

LED Chromaticity

- A tight chromaticity specification ensures LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) over the useful life of the LED
- LED chromaticity of 3 SDCM exceeds ENERGY STAR® color standards per ANSI C78.377-2008
- Every Halo LED is quality tested, measured, and serialized in a permanent record to register lumens, wattage, CRI and CCT

LED

- Correlated Color Temperature (CCT): 2700K, 3000K
- · Color Rendering Index (CRI): 90
- LED is a chip on board design consisting of a multiple LED package with proximity phosphor coating to create one virtual white light source for a productive "cone of light"
- · 650 nominal lumens, range dependent on CCT and optic
- · Lumen maintenance L70 at 50,000 hours

Electrical Power Connections

- LED connector is a non-screw base luminaire disconnect offering easy installation with the matching Halo 5" H550 and 6" H750, H2750 LED housings
- · LED connector meets California Title 24 high efficacy luminaire requirement for a non-screw base socket, and where required to qualify as a high efficacy luminaire
- · The included E26 medium screw base Edison adapter provides easy retrofit of incandescent housings (See specifications online for housing compatibility)

LED Driver

- · Dimmable driver is a 120 Volt, high efficiency, electronic power supply providing DC power to the LED
- Driver meets FCC EMI/RFI Consumer Level limits for use in residential and commercial installations
- Driver features high power factor, low THD, and has integral thermal protection in the event of over temperature or internal failure
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming

- Designed for continuous dimming capability to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers (Dimmers with low end trim adjustment offer greater assurance of achieving 5% level)
- Consult dimmer manufacturer for compatibility and conditions of use
- Note: some dimmers require a neutral in the wallbox

Compliance

- · UL Certified for US and Canada
- UL Certified (with other housings) see specifications online for housing compatibility
- UL Certified for damp location
- May be installed in housings in direct contact with insulation* and combustible material
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- 90 CRI (R9 > 50) can be used to comply with California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- Suitable for use in closets. Compliant with NFPA 70, NEC Sec. 410.16 (A)(1) and 410.16 (C)(3).
- ENERGY STAR® certified downlight retrofit
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits, suitable for use in residential and commercial installations
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21

*Not to be used in housings in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

RA56 Series Ordering Information

Very Wide Flood - VWFL Models

Narrow Flood - NFL Models

RA5606927WH = 5"/6" Adjustable gimbal, 90 CRI, 2700K, matte white, very wide flood RA5606930WH = 5"/6" Adjustable gimbal, 90 CRI, 3000K, matte white, very wide flood RA5606927NFLWH = 5"/6" Adjustable gimbal, 90 CRI, 2700K, matte white, narrow flood RA5606930NFLWH = 5"/6" Adjustable gimbal, 90 CRI, 3000K, matte white, narrow flood

Accessories (Order Separately)

Oversize Trim Rings

OT400P = Oversize flat white metal trim ring 6" ID \times 9-1/4" 0D (ring slips behind RA56 ring, in stepped configuration) OT403P = Oversize white plastic trim ring 6" ID \times 8" 0D (ring slips behind RA56 ring, in stepped configuration)

TRM690WH = Oversize matte white metal trim ring. Designed for RA56 ring to inset into oversize ring for an even (non-stepped) trim surface



Replacement Friction Clips

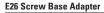
0T400P Flat White Metal Trim

RL56CLIP = Replacement kit of 5" and 6" friction clips for retrofitting into

an existing housing without torsion spring receiving brackets (One set of clips included with the unit)



0T403P White Plastic Trim



HE26LED = Replacement screw base adapter (One included with unit)

TRM690WH Matte White Metal Trim



RA56 Energy Data

Minimum Starting Temp: -30°C (-22°F)

EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer)

Sound Rating: Class A standards

Input Voltage: 120V

Power Factor: >0.90

Input Frequency: 50/60Hz

THD: <20%

Input Power: 10W

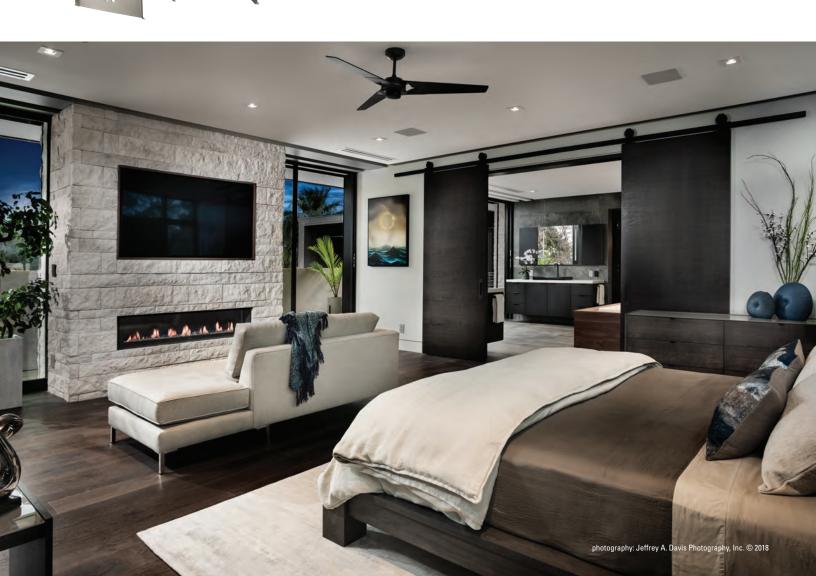
Input Current: 85mA

Driver-Safety Agency Approvals: - UL60950-1 Recognized

- LPS output

- UL8750 Compliant

Refer to specification online for further information www.eaton.com/lighting

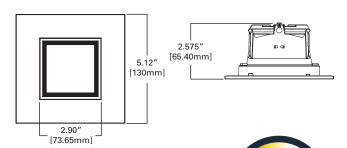




RSQ4

4" LED All-Purpose Square Retrofit Module

The RSQ4 is an integrated LED module / trim with a square shallow lens suitable for new construction, remodel and retrofit installation. Certified for use with Halo and compatible 4" housings and can be used with housings in direct contact with insulation. Integral gasket provides airtight compliance in non-airtight housings, provides code compliance and additional energy savings. Use for general area lighting in low to medium height ceilings where energy savings and long life are desired.





















Features

Module - Trim

- Module / trim is field interchangeable and upgradable, LED module consists of LED array, optical assembly, driver and self-flanged trim
- Integral aluminum heat sink provides passive thermal cooling achieving L70 at 70,000 hours in IC and non-IC applications.

LED Array

- Plurality of mid-power LEDs provide a uniform source with high efficiency and long life
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within 4 SDCM provides color accuracy and uniformity
- Available in 2700, 3000, 3500 and 4000 K fixed CCT
- Optional field selectable color temperature, select from 2700, 3000, 3500, 4000 and 5000 K CCT

Optical Assembly

- Precision molded optic organizes source flux into wide distribution, useful for general area lighting
- · Regressed flat lens provides uniformity
- Meets Energy Star color angular uniformity requirements, color deviation is less than 0.006 u' v

Connectors

 Two-conductor wire mount CJT type connector is rated for 120V and mates with LED housings or E26 adapter (provided)

Driver

 Standard 1E constant current driver option with 120V 60 Hz input provides quiet operation Leading or trailing edge phase cut dimming to 5% with select controls, meets CA T24 flicker requirements

Retention

- Stainless steel friction blades hold module securely in the housing
- Can be installed in any orientation allowing trim to be aligned with architecture
- Module / trim can be removed from below the aperture for service or replacement

Trim

- Die cast aluminum trim can be removed in the field and replaced with optional designer series trims to match many décors
- · Step baffle provides additional cutoff to source

Gaskets

 Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance

- UL Certified Safety, US & CA when used with Halo and other's housings, see instruction sheet for conditions of acceptability
- Wet location listed and IP44 ingress protection rated, covered ceiling only
- Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits

- · Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- Certified to State of California Title 20, State-regulated LED Lamp, reference Modernized Appliance Efficiency Database System (MAEDBS) for State-regulated LED
- ENERGY STAR certified, reference "Certified Light Fixtures" database

RSQ4 Energy Data

Lumens: 800 Series
Input Voltage: 120V
Input Current: 82 (mA)
Input Power: 9.8 W
Inrush (A): 0.69 @ 14mS
THD: ≤ 20%
Power Factor: ≥ 0.90
T Ambient: -40°C to +40°C
Sound Rating: ≤ 21dba

RSQ4 Series Ordering Information

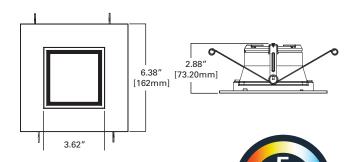
Models	Lumens	CRI / CCT	Driver	Finish	Accessories (Order Separately)
RSQ4 = 4" all-purpose square LED module	08 = 800 lumens (nominal)	927 = 90 CRI (min), 2700 K CCT 930 = 90 CRI (min), 3000 K CCT 935 = 90 CRI (min), 3500 K CCT 940 = 90 CRI (min), 4000 K CCT 9FS = 90 CRI minimum, field selectable CCT, choose 2700, 3000, 3500, 4000 or 5000 K CCT	1E = 120V 60Hz, LE & TE phase cut 5% dimming with select dimmers	MWWB = matte white flange and baffle	RSQ4TRMMW = 4" square trim, matte white flange and splay, field paintable RSQ4TRMSNB = 4" square trim, satin nickel flange and baffle RSQ4TRMTBZB = 4" square trim, tucson bronze flange and baffle HE26LED = Replacement screw base adapter (one included with unit)



RSO₅

5" LED All-Purpose Square Retrofit Module

The RSQ5 is an integrated LED module / trim with a square shallow lens suitable for new construction, remodel and retrofit installation. Certified for use with Halo and compatible 5" housings and can be used with housings in direct contact with insulation. Integral gasket provides airtight compliance in non-airtight housings, provides code compliance and additional energy savings. Use for general area lighting in low to medium height ceilings where energy savings and long life are desired.















colors

2700K • 3000K • 3500K

4000K • 5000K

Features

Module - Trim

- Module / trim is field interchangeable and upgradable, LED module consists of LED array, optical assembly, driver and self-flanged trim
- Integral aluminum heat sink provides passive thermal cooling achieving L70 at 70,000 hours in IC and non-IC applications.

LED Array

- Plurality of mid-power LEDs provide a uniform source with high efficiency and long life
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within 4 SDCM provides color accuracy and uniformity
- Available in 2700, 3000, 3500 and 4000 K fixed CCT
- Optional field selectable color temperature, select from 2700, 3000, 3500, 4000 and 5000 K CCT

Optical Assembly

- Precision molded optic organizes source flux into wide distribution, useful for general area lighting
- Regressed flat lens provides uniformity
- Meets Energy Star color angular uniformity requirements, color deviation is less than 0.006 u' v

Connectors

Two-conductor wire mount CJT type connector is rated for 120V and mates with LED housings or E26 adapter (provided)

Driver

Standard 1E constant current driver option with 120V 60 Hz input provides quiet operation

Leading or trailing edge phase cut dimming to 5% with select controls, meets CA T24 flicker requirements

Retention

- Steel torsion springs hold module securely in the housing
- Rotates ± 45° allowing trim to be aligned with architecture
- Module / trim can be removed from below the aperture for service or replacement
- Optional friction blades (provided) for installation in housings without torsion spring receivers

- Die cast aluminum trim can be removed in the field and replaced with optional designer series trims to match
- Step baffle provides additional cutoff to source

Gaskets

Closed cell gaskets achieve restrictive airflow requirements without additional caulking

- UL Certified Safety, US & CA when used with Halo and other's housings, see instruction sheet for conditions of acceptability
- Wet location listed and IP55 ingress protection rated, covered ceiling only
- Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer

- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- Certified to State of California Title 20, State-regulated LED Lamp; reference Modernized Appliance Efficiency Database System (MAEDBS) for State-regulated LED
- ENERGY STAR® certified, reference "Certified Light Fixtures" database

RSQ5 Energy Data

no do Enorgy Bata	
Lumens: 800 Series	
Input Voltage: 120V	
Input Current: 82 (mA)	
Input Power: 9.8 W	
Inrush (A): 0.69 @ 14mS	
THD: ≤ 20%	
Power Factor: ≥ 0.90	
T Ambient: -40°C to +40°C	
Sound Rating: ≤ 21dba	

RSQ5 Series Ordering Information

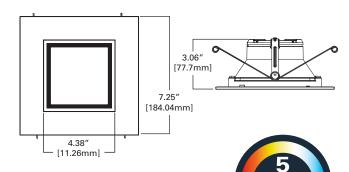
Models	Lumens	CRI / CCT	Driver	Finish	Accessories (Order Separately)
RSQ5 = 5" all-purpose square LED module	08 = 800 lumens (nominal)	927 = 90 CRI (min), 2700 K CCT 930 = 90 CRI (min), 3000 K CCT 935 = 90 CRI (min), 3500 K CCT 940 = 90 CRI (min), 4000 K CCT 9FS = 90 CRI minimum, field selectable CCT, choose 2700, 3000, 3500, 4000 or 5000 K CCT	1E = 120V 60Hz, LE & TE phase cut 5% dimming with select dimmers	MWWB = matte white flange and baffle	RSQ5TRMMW = 5" square trim, matte white flange and splay, field paintable RSQ5TRMSNB = 5" square trim, satin nickel flange and baffle RSQ5TRMTBZB = 5" square trim, tucson bronze flange and baffle HE26LED = Replacement screw base adapter (one included with unit)



RSQ6

6" LED All-Purpose Square Retrofit Module

The RSQ6 is an integrated LED module / trim with a square shallow lens suitable for new construction, remodel and retrofit installation. Certified for use with Halo and compatible 6" housings and can be used with housings in direct contact with insulation. Integral gasket provides airtight compliance in non-airtight housings, provides code compliance and additional energy savings. Use for general area lighting in low to medium height ceilings where energy savings and long life are desired.





IECC











colors

2700K • 3000K • 3500K

4000K • 5000K

Features

Module - Trim

- Module / trim is field interchangeable and upgradable, LED module consists of LED array, optical assembly, driver and self-flanged trim
- · Integral aluminum heat sink provides passive thermal cooling achieving L70 at 70,000 hours in IC and non-IC applications.

LED Array

- · Plurality of mid-power LEDs provide a uniform source with high efficiency and long life
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within 4 SDCM provides color accuracy and uniformity
- Available in 2700, 3000, 3500 and 4000 K fixed CCT
- Optional field selectable color temperature, select from 2700, 3000, 3500, 4000 and 5000 K CCT

Optical Assembly

- Precision molded optic organizes source flux into wide distribution, useful for general area lighting
- Regressed flat lens provides uniformity
- Meets Energy Star color angular uniformity requirements, color deviation is less than 0.006 u' v

Connectors

Two-conductor wire mount CJT type connector is rated for 120V and mates with LED housings or E26 adapter (provided)

Driver

Standard 1E constant current driver option with 120V 60 Hz input provides quiet operation

· Leading or trailing edge phase cut dimming to 5% with select controls, meets CA T24 flicker requirements

Retention

- Steel torsion springs hold module securely in the housing
- Rotates ± 45° allowing trim to be aligned with architecture
- Module / trim can be removed from below the aperture for service or replacement
- Optional friction blades (provided) for installation in housings without torsion spring receivers

Trim

- . Die cast aluminum trim can be removed in the field and replaced with optional designer series trims to match
- Step baffle provides additional cutoff to source

Gaskets

· Closed cell gaskets achieve restrictive airflow requirements without additional caulking

- · UL Certified Safety, US & CA when used with Halo and other's housings, see instruction sheet for conditions of acceptability
- Wet location listed and IP44 ingress protection rated, covered ceiling only
- Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer

- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- Certified to State of California Title 20, State-regulated LED Lamp; reference Modernized Appliance Efficiency Database System (MAEDBS) for State-regulated LED
- ENERGY STAR® certified, reference "Certified Light Fixtures" database

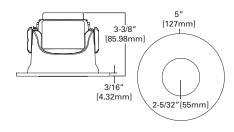
RSQ6 Energy Data

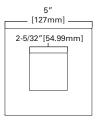
Lumens: 800 Series
Input Voltage: 120V
Input Current: 82 (mA)
Input Power: 9.8 W
Inrush (A): 0.69 @ 14mS
THD: ≤ 20%
Power Factor: ≥ 0.90
T Ambient: -40°C to +40°C
Sound Rating: ≤ 21dba

RSQ6 Series Ordering Information

Models	Lumens	CRI / CCT	Driver	Finish	Accessories (Order Separately)
RSQ6 = 6" all-purpose square LED module	08 = 800 lumens (nominal)	927 = 90 CRI (min), 2700 K CCT 930 = 90 CRI (min), 3000 K CCT 935 = 90 CRI (min), 3500 K CCT 940 = 90 CRI (min), 4000 K CCT 9FS = 90 CRI minimum, field selectable CCT, choose 2700, 3000, 3500, 4000 or 5000 K CCT	1E = 120V 60Hz, LE & TE phase cut 5% dimming with select dimmers	MWWB = matte white flange and baffle	RSQ6TRMMW = 6" square trim, matte white flange and splay, field paintable RSQ6TRMSNB = 6" square trim, satin nickel flange and baffle RSQ6TRMTBZB = 6" square trim, tucson bronze flange and baffle HE26LED = Replacement screw base adapter (one included with unit)







ML4D - TL41R & TL42S

4" LED Module, 2-inch Round and Square Pinhole Downlight

Recessed LED module with interchangeable 2-inch round or square open pinhole apertures are available in various finishes to suit many décors. Use with 4-inch nominal recessed housings suitable for residential and shallow plenum commercial construction or can be used to retrofit existing installations. Field interchangeable primary optics provide various distribution patterns and spacing to mounting height ratios. Use for general and task lighting in low to medium height ceilings where energy savings, long life and optical control are required.















Features

Module

- Field interchangeable and upgradable LED module consists of LED array, primary optic and driver
- Integral die cast aluminum heat sink provides passive thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications

Retention

 Stainless steel springs hold module securely in the housing, can be removed thru the aperture for service or replacement

LED Array

- Proximity phosphors over chip on board LEDs provide a uniform source with high efficiency and no pixilation
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within 3 SDCM provide color accuracy and uniformity

Gaskets

 Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Trims

- Die formed steel trims are available in 2-inch round or square pinhole apertures and can be interchanged in the field
- Available in a broad range of painted or plated finishes, can be painted in the field to match any décor
- Magnetic attachment holds trim tightly to ceiling and eliminates light leaks.

Modia

- Integral media holder provided accepts (1) 2" diameter 3.0mm thick color filters, lens or louvers
- Order media separately

Primary Optic

- Precision molded TIR optic organizes source flux into useful beams without stray lumens in the field
- Two-piece construction with matte black mounting ring and polarized turn and lock mounting aligns optic to source and minimizes backlight in the housing
- Exceeds ENERGY STAR® color angular uniformity requirements, color deviation is typically less than 0.002 u'v'.
- Available in spot, narrow flood, flood and wide flood distributions, ships with narrow flood or flood factory installed, order alternate distributions or replacement separately
- Integral media holder accepts (1) lens or louver

VividTune

 D2W[™] dim-to-warm option shifts color temperature from 3000 K to 1850 K as fixture dims mimicking the black body dimming response of halogen sources

Drive

- Integral UNV 120 277V 50/60 Hz constant current driver provides noise free operation and can be replaced in the
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers
- Optional UNV 120-277V 50/60 Hz driver with 0 -10V analog dimming from 100% to 5%, provided with inline electrical quick connect for low voltage connections
- Medium base (E26) to CJT adapter (provided) provides mains connection.

Compliance

cULus listed for use with Halo housings, classified for use with other's housings, see instruction sheet for conditions of acceptability

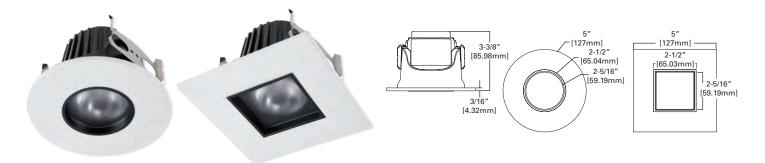
- Damp location listed
- Airtight per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- Certified to State of California Title 20, State-regulated LED Lamp; reference Modernized Appliance Efficiency Database System (MAEDBS) for State-regulate d LED Lamp
- ENERGY STAR® certified, reference Certified Light Fixtures database.

ML4D Energy Data

900 S	eries		
120V	277V		
107 (mA)	50 (mA)		
12.8 (W)	12.5 (W)		
1.1 (A)	1.9 (A)		
≤ 2	≤ 20%		
≥ 0	≥ 0.90		
-40°C to	-40°C to +40°C		
≤ 20	≤ 20dba		
	120V 107 (mA) 12.8 (W) 1.1 (A) ≤ 2 ≥ 0 -40°C to		

ML4D Series Ordering Information

Models	Lumens	Distribution	CRI / CCT	Driver	Accessories (Order Separately)
ML4D = 4" LED module	09 = 900 lumens	NFL = 25° narrow flood	927 = 90 CRI (min), 2700 K CCT	E = UNV 120 - 277V 50-60Hz, LE	TIR45SP15 = 15° spot
	(nominal)	FL = 40° flood	930 = 90 CRI (min), 3000 K CCT	& TE phase cut 5% dimming at	TIR45NFL25 = 25° narrow flood
			935 = 90 CRI (min), 3500 K CCT	120V only	TIR45FL40 = 40° flood
			940 = 90 CRI (min), 4000 K CCT	E010 = UNV 120 - 277V 50-60Hz,	TIR45WFL55 = 55° wide flood
			D2W = 90 CRI (min) color shifts from	0 - 10V analog	TIR50AWW25 = 25° narrow flood asymmetric / wall wash
			3000 to 1850K mimicking black body	5% dimming1	TIR45MH12PK = replacement media holder, package of 12
			dimming2	· ·	L100 Series = 2.0" lens and filters, see spec sheet
			5		HE26LED - Replacement screw base adapter (one included with unit)



ML4D - TL43R & TL44S

4" LED Module, 2-inch Round and Square Pinhole Downlight

Recessed LED module with interchangeable 2-inch round or square lens pinhole apertures are available in various finishes to suit any décor. Use with 4-inch nominal recessed housings suitable for residential and shallow plenum commercial construction or can be used to retrofit existing installations. Field interchangeable primary optics provide various distribution patterns and spacing to mounting height ratios. Use for general and task lighting in low to medium height ceilings where energy savings, long life and optical control are required.















Module

- Field interchangeable and upgradable LED module consists of LED array, primary optic and driver
- Integral die cast aluminum heat sink provides passive thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications

Retention

 Stainless steel springs hold module securely in the housing, can be removed thru the aperture for service or replacement

LED Array

- Proximity phosphors over chip on board LEDs provide a uniform source with high efficiency and no pixilation
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within
- 3 SDCM provide color accuracy and uniformity

Gaskets

 Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Trims

- Die formed steel trims are available in 2-inch round or square pinhole apertures and can be interchanged in the field
- Available in a broad range of painted or plated finishes, can be painted in the field to match any décor
- Magnetic attachment holds trim tightly to ceiling and eliminates light leaks

Media

- Integral media holder provided accepts (1) 2" diameter 3.0mm thick color filters, lens or louvers
- Order media separately

Primary Optic

- Precision molded TIR optic organizes source flux into useful beams without stray lumens in the field
- Two-piece construction with matte black mounting ring and polarized turn and lock mounting aligns optic to source and minimizes backlight in the housing
- Exceeds ENERGY STAR® color angular uniformity requirements, color deviation is typically less than 0.002 u' v'.
- Available in spot, narrow flood, flood and wide flood distributions, ships with narrow flood or flood factory installed, order alternate distributions or replacement separately
- Integral media holder accepts (1) lens or louver

VividTune

 D2W[™] dim-to-warm option shifts color temperature from 3000 K to 1850 K as fixture dims mimicking the black body dimming response of halogen sources

Driver

- Integral UNV 120 277V 50/60 Hz constant current driver provides noise free operation and can be replaced in the field
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers
- Optional UNV 120-277V 50/60 Hz driver with 0 -10V analog dimming from 100% to 5%, provided with inline electrical quick connect for low voltage connections
- Medium base (E26) to CJT adapter (provided) provides mains connection

Compliance

 cULus listed for use with Halo housings, classified for use with other's housings, see instruction sheet for conditions of acceptability

- Damp location listed
- · Airtight per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- Certified to State of California Title 20, State-regulated LED Lamp; reference Modernized Appliance Efficiency Database System (MAEDBS) for State-regulated LED
- ENERGY STAR® certified, reference Certified Light Fixtures database

ML4D Energy Data

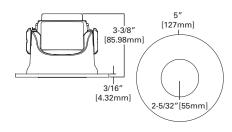
Lumens	2 000	eries		
Lumens		eries		
Input Voltage	120V	277V		
Input Current	107 (mA)	50 (mA)		
Input Power	12.8 (W)	12.5 (W)		
Inrush (A)	1.1 (A)	1.9 (A)		
THD	≤ 2	≤ 20%		
Power Factor:	≥ 0	≥ 0.90		
T Ambient	-40°C to	-40°C to +40°C		
Sound Rating	≤ 20	≤ 20dba		

ML4D Series Ordering Information

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Models	Lumens	Distribution	CRI / CCT	Driver	Accessories
ML4D = 4" LED module	09 = 900 lumens	NFL = 25° narrow flood	927 = 90 CRI (min), 2700 K CCT	E = UNV 120 - 277V 50-60Hz,	TIR45SP15 = 15° spot
	(nominal)	FL = 40° flood	930 = 90 CRI (min), 3000 K CCT	LE & TE phase cut 5%	TIR45NFL25 = 25° narrow flood
			935 = 90 CRI (min), 3500 K CCT	dimming at 120V only	TIR45FL40 = 40° flood
			940 = 90 CRI (min), 4000 K CCT	E010 = UNV 120 - 277V 50-	TIR45WFL55 = 55° wide flood
			D2W = 90 CRI (min) color shifts from	60Hz, 0 - 10V analog	TIR50AWW25 = 25° narrow flood asymmetric / wall wash
			3000 to 1850K mimicking black body	5% dimming1	TIR45MH12PK = replacement media holder, package of 12
			dimming2		L100 Series = 2.0" lens and filters, see spec sheet
			-		HE26LED = Replacement screw base adapter (one included with unit









ML4D - TL45R & TL46S

4" LED Module, 2-Inch Round and Square Lens Wall Washer

Recessed LED module with interchangeable 2-inch round or square wall wash apertures are available in various finishes to suit any décor. Use with 4-inch nominal recessed housings suitable for residential and shallow plenum commercial construction or can be used to retrofit existing installations. Asymmetric primary optic redirects light through linear spread lens providing useful vertical food-candles. Use to light walls, paintings and textured surfaces including stone, masonry and wood when energy savings, long life and optical control are required.















Features

Module

- Field interchangeable and upgradable LED module consists of LED array, primary optic and driver
- Integral die cast aluminum heat sink provides passive thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications

Retention

 Stainless steel springs hold module securely in the housing, can be removed thru the aperture for service or replacement

LED Array

- Proximity phosphors over chip on board LEDs provide a uniform source with high efficiency and no pixilation
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within 3 SDCM provide color accuracy and uniformity

Gaskets

 Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Trims

- Die formed steel trims are available in 2-inch round or square pinhole apertures and can be interchanged in the field
- Available in a broad range of painted or plated finishes, can be painted in the field to match any décor
- Magnetic attachment holds trim tightly to ceiling and eliminates light leaks.

Modia

- Integral media holder provided accepts (1) 2" diameter 3.0mm thick color filters, lens or louvers
- Order media separately

Primary Optic

- Precision molded TIR optic organizes source flux into useful beams without stray lumens in the field
- Two-piece construction with matte black mounting ring and polarized turn and lock mounting aligns optic to source and minimizes backlight in the housing
- Exceeds ENERGY STAR® color angular uniformity requirements, color deviation is typically less than 0.002 u'v'.
- Available in spot, narrow flood, flood and wide flood distributions, ships with narrow flood or flood factory installed, order alternate distributions or replacement separately
- Integral media holder accepts (1) lens or louver

VividTune

 D2W[™] dim-to-warm option shifts color temperature from 3000 K to 1850 K as fixture dims mimicking the black body dimming response of halogen sources

Drive

- Integral UNV 120 277V 50/60 Hz constant current driver provides noise free operation and can be replaced in the field
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers
- Optional UNV 120-277V 50/60 Hz driver with 0 -10V analog dimming from 100% to 5%, provided with inline electrical quick connect for low voltage connections
- Medium base (E26) to CJT adapter (provided) provides mains connection.

Compliance

 cULus listed for use with Halo housings, classified for use with other's housings, see instruction sheet for conditions of acceptability

- Damp location listed
- Airtight per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- Certified to State of California Title 20, State-regulated LED Lamp; reference Modernized Appliance Efficiency Database System (MAEDBS) for State-regulate d LED Lamp
- ENERGY STAR® certified, reference Certified Light Fixtures database.

ML4D Energy Data

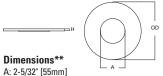
Lumens	900 S	eries		
Input Voltage	120V	277V		
Input Current	107 (mA)	50 (mA)		
Input Power	12.8 (W)	12.5 (W)		
Inrush (A)	1.1 (A)	1.9 (A)		
THD	≤ 2	≤ 20%		
Power Factor:	≥ 0	≥ 0.90		
T Ambient	-40°C to	-40°C to +40°C		
Sound Rating	≤ 20	≤ 20dba		

ML4D Series Ordering Information

Models	Lumens	Distribution	CRI / CCT	Driver	Accessories
ML4D = 4" LED module	09 = 900 lumens (nominal)	NFL = 25° narrow flood FL = 40° flood	927 = 90 CRI (min), 2700 K CCT 930 = 90 CRI (min), 3000 K CCT 935 = 90 CRI (min), 3500 K CCT 940 = 90 CRI (min), 4000 K CCT D2W = 90 CRI (min) color shifts from 3000 to 1850K mimicking black body dimming2	E = UNV 120 - 277V 50-60Hz, LE & TE phase cut 5% dimming at 120V only E010 = UNV 120 - 277V 50- 60Hz, 0 - 10V analog 5% dimming 1	TIR45SP15 = 15° spot TIR45KP125 = 25° narrow flood TIR45FL40 = 40° flood TIR45FL45 = 55° wide flood TIR50AWW25 = 25° narrow flood asymmetric / wall wash TIR45WH12PK = replacement media holder, package of 12 L100 Series = 2.0" lens and filters, see spec sheet HE26LED = Replacement screw base adapter (one included with unit)

TL41R 2" Round Open Pinhole

- Die formed steel trim with 2" pinhole
- Field interchangable
- · Available in painted or plated finishes
- Paint in the field to match any décor
- Magnetic attachment holds trim tight to ceiling and eliminates light leaks



H: 3/16" [4.32mm] OD: 5" [127mm]



TL41RMW matte white flange



TL41RORB oil rubbed bronze flange



TL41RBN brushed nickel flange



TL41RGB german bronze flange



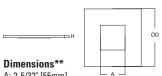
TL41RBCu brushed copper flange



TL41RMB matte black flange

TL42S 2" Square Open Pinhole Die formed steel trim with 2" pinhole

- · Field interchangable
- Available in painted or plated finishes
- Paint in the field to match any décor
- Magnetic attachment holds trim tight to ceiling and eliminates light leaks



A: 2-5/32" [55mm] H: 3/16" [4.32mm]



TL42SMW matte white flange



TL42SORB oil rubbed bronze flange



TL42SBN brushed nickel flange



TL42SGB german bronze flange



TL42SBCu brushed copper flange

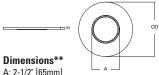


TL42SMB matte black flange



TL43R 2" Round Lens Pinhole

- Die formed steel trim with 2" pinhole
- · Field interchangable
- · Available in painted or plated finishes
- Paint in the field to match any décor
- Magnetic attachment holds trim tight to ceiling and eliminates light leaks



A: 2-1/2" [65mm] H: 3/16" [4.32mm] OD: 5" [127mm]



TL43R2GMWWB

matte white flange, white lens frame



TL43R2GMBBB

matte black flange. black lens frame



TL43R2GMWBB

matte black flange, black lens frame



TL43R2G0RBBB

oil rubbed bronze flange, black lens frame



TL43R2GBNBB

brushed nickel flange, black lens frame



TL43R2GGBBB

german bronze flange, black lens frame

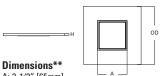


TL43R2GBCuBB

brushed copper flange, black lens frame

TL44S 2" Square Lens Pinhole

- · Die formed steel trim with 2" pinhole
- · Field interchangable
- Available in painted or plated finishes
- Paint in the field to match any décor
- Magnetic attachment holds trim tight to ceiling and eliminates light leaks



TL44S2GMWWB matte white flange, white lens frame



TL44S2GMBBB matte black flange, black lens frame



TL44S2GMWBB matte black flange, black lens frame



TI 44S2GORRRR oil rubbed bronze flange, black lens frame



brushed nickel flange, black lens frame



TL44S2GGBBB german bronze flange, black lens frame



TL44S2GBCuBB brushed copper flange,

black lens frame

A: 2-1/2" [65mm] H: 3/16" [4.32mm] OD: 5" [127mm]

TL45R 2" Round Lens Wall Wash Pinhole



- Die formed steel trim with 2" pinhole
- · Field interchangable
- Available in painted or plated finishes
- · Paint in the field to match any décor
- · Magnetic attachment holds trim tight to ceiling and eliminates light leaks



TL45R6GMWWB matte white flange, white lens frame



TL45R6GMWBB matte white flange, black lens frame



Dimensions** A: 2-1/2" [65mm] H: 3/16" [4.32mm] OD: 5" [127mm]

TL46S 2" Square Lens Wall Wash Pinhole



- Die formed steel trim with 2" pinhole
- · Field interchangable
- · Available in painted or plated finishes
- · Paint in the field to match any décor
- Magnetic attachment holds trim tight to ceiling and eliminates light leaks



TL46S6GMWWB matte white flange, white lens frame



TL46S6GMWBB matte white flange, black lens frame



Dimensions** A: 2-1/2" [65mm] H: 3/16" [4.32mm] OD: 5" [127mm]

ML4 Optics

TIR45SP15 = 15° spot

TIR45NFL25 = 25° narrow flood

TIR45FL40 = 40° flood

TIR45WFL55 = 55° wide flood

TIR50AWW25 = 25° narrow flood asymmetric / wall wash TIR45MH12PK = replacement media holder, package of 12



TIR45SP15 15 degree spot



TIR45NFL25 25 degree narrow flood



TIR45FL40 40 degree flood



TIR45WFL55 55 degree wide flood



TIR50AWW25 25 degree narrow flood asymmetric / wall wash



TIR45MH12PK replacement media holder



media holder with lens installed on optic

LED Recessed Housing

ML4 Series - HS4R / HS4S



HS4R / HS4S

4" Round & Square Surface Mount Housings

The HS4R round and HS4S square housings adapt ML4 LED module and associated 2" aperture open, len and lens wall wash trims to complete a surface mount luminaire. Installs to recessed or surface mounted junction boxes with hardware provided. Use with compatible Halo LED integrated trims and modules providing general, task and accent lighting when energy savings, long life and optical control are required. ML4 LED module and trims ordered separately.











Compatible LED Modules

ML4 LED series

Features

Housing

Extruded aluminum round or square housing with die formed aperture accepts ML4 LED modules and trims.

Mounting

- Attaches directly to 3-1/2" and 4" round ceiling pans, 3-1/2" and 4" octagon boxes, 4" and 4-11/16" square fixture mud rings and single gang handy boxes with hardware provided
- Spider plate allows for ±45° rotation to align square with architecture.

Gasket

Provided with die cut white and black gasket for use in wet locations, covered ceilings only

Connector

- Two-conductor wire mount connector is rated for 120 - 277V and mates with ML4 LED integrated module
- **CAUTION:** verify LED module input voltage is compatible with the input voltage of the housing. If uncertain, consult a qualified electrician
- Separate two-conductor wire mount connector for 0 -10V low voltage control.

Compliance

cULus damp location listed with open trims, wet location listed, covered ceilings only and IP65 certified when used with supplied gasket and lens trims

2-5/32" [54.99mm]

Top View with Trim Installed

- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- ENERGY STAR certified, reference Certified Light Fixtures database



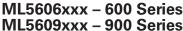


Halo Recessed Catalog - LED Recessed Downlighting



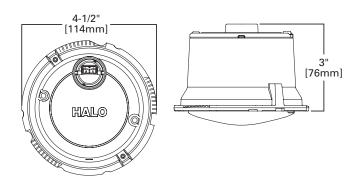






5"/6" LED Retrofit Module - 6 Inch Application

The ML56 LED downlighting system is a series of LED light modules for use with designated 6" ML56 LED trims in new construction, remodel and retrofit housings. Compatible with Halo 6" housings. ML56 light modules are offered in 600 series, 900 series, and 1200 series, 90 CRI, and four color temperatures 2700K, 3000K, 3500K, 4000K. ML56 light modules are universal voltage 120V – 277V and dimmable at 120V. The ML56 lens provides uniform diffuse illumination.



90 CRI













Features

Mechanical - Module

- Module includes LED driver, heat sink, and lens
- Durable die-cast aluminum construction
- Heat sink designed to conduct heat away from the LED keeping the junction temperatures below specified maximums, including insulated ceiling environments

Lens

- · Impact-resistant polycarbonate
- · Convex form for lamp-like appearance
- High lumen transmission
- Diffusing for even illumination

Mounting

- Light modules attach to reflector and baffle trims via locking tabs, and attach to eyeballs via keyed twist-to-lock mating bosses
- The complete light module and trim assembly installs into housings with precision formed torsion springs located on the trim

I FD

- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, and 4000K
- Color Rendering Index (CRI): 90
- 600 nominal lumens, range dependent on CCT, CRI and trim
- 900 nominal lumens, range dependent on CCT, CRI and trim
- · Lumen maintenance L70 at 50,000 hours

Electrical Power Connections

- LED connector is a non-screw base luminaire disconnect offering easy installation with the matching Halo 6" H750 and H2750 series housings (Use with ML56 6" LED trims)
- LED connector is a non-screw base, and where required to qualify as a high efficacy luminaire
- E26 medium screw base retrofit adapter included

LED Driver

- Driver is universal voltage 120V-277V, and may be controlled from a switch (Switchable at 120V, 220V, 230V, 240V, and 277V)
- Driver is dimmable at 120V operation when connected to a compatible dimmer
- Driver is a high efficiency, electronic power supply providing DC power to the LED
- Driver meets FCC EMI/RFI consumer level limits on 120V main inputs, and is compliant for use in residential and commercial installations
- Driver features high power factor, low THD, and has integral thermal protection in the event of over temperature or internal failure

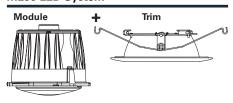
Compliance

- cULus Listed 1598 luminaire, with listed Halo housings
- UL Classified, with other housings (See specifications online for housing compatibility)
- cULus Listed for damp locations
- cULus Listed wet location, covered ceiling (shower rated) with ML56 baffle and reflector trims only

- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- IP66 Ingress Protection rated with baffle and reflector trims only
- · RoHS compliant
- May be used in IC (insulated ceiling) housings in direct contact with insulation* and combustible material
 - 90 CRI (R9 > 50) can be used for California Title 24 compliance, Title 20 Certified for residential compliance
- Can be used for International Energy Conservation Code (IECC) high efficacy luminaire compliance
- ENERGY STAR® certified downlight recessed system
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits (commercial and residential compliant)
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21
- CE Mark "Conformité Européene" conformity with the Council of European Communities Directives, meeting internationally recognized compliance when used with Halo H750, and H2750 series LED housings only

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

ML56 LED System





ML5612xxx - 1200 Series

5"/6" LED Retrofit Module - 6 Inch Application

The ML56 LED downlighting system is a series of LED light modules for use with designated 6" ML56 LED trims in new construction, remodel and retrofit housings. Compatible with Halo 6" housings. ML56 light modules are offered in 600 series, 900 series, and 1200 series, 90 CRI, and four color temperatures 2700K, 3000K, 3500K, 4000K. ML56 light modules are universal voltage 120V – 277V and dimmable at 120V. The ML56 lens provides uniform diffuse illumination standard. ML56 - 1200 series offers narrow flood (NFL) beam forming reflector as an optional accessory. Wet location listed with reflector and baffle trims (directional eyeball trims are damp listed). Halo ML56 series offers high performance LED downlighting in a flexible modular selection.

90 CRI















Features

Mechanical Module

- · Module includes LED, LED driver, heat sink, and lens
- Durable die-cast aluminum construction
- Heat sink designed to conduct heat away from the LED keeping the junction temperatures below specified maximums, including insulated ceiling environments

Lens Optics

- Diffuse lens is standard on all 1200 series LED light modules
 - Impact-resistant polycarbonate
 - Convex form for lamp-like appearance
 - · High lumen transmission
- Optional beam forming optic replaces diffuse lens and provide narrow flood (NFL) 25° nominal distribution. Beam forming optic is field installed. Order separately (accessories).

Mounting

- Light modules attach to reflector and baffle trims via locking tabs, and attach to eyeballs via keyed twist-to-lock mating bosses
- The complete light module and trim assembly installs into housings with precision formed torsion springs located on the trim

LED

- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, and 4000K
- Color Rendering Index (CRI): 90
- 1200 nominal lumens, range dependent on CCT, CRI and trim
- Lumen maintenance L70 at 50,000 hours

Electrical Power Connections

- LED connector is a non-screw base luminaire disconnect offering easy installation with the matching Halo 6" H750 and H2750 series housings (use with ML56 6" LED trims)
- LED connector is a non-screw base, and where required to qualify as a high efficacy luminaire
- E26 medium screw base retrofit adapter included

LED Driver

- Driver is universal voltage 120V-277V, and may be controlled from a switch (switchable at 120V, 220V, 230V, 240V, and 277V)
- Driver is dimmable at 120V operation when connected to a compatible dimmer
- Driver is a high efficiency, electronic power supply providing DC power to the LED
- Driver meets FCC EMI/RFI consumer level limits on 120V main inputs, and is compliant for use in residential and commercial installations
- Driver features high power factor, low THD, and has integral thermal protection in the event of over temperature or internal failure

Compliance

- cULus Listed 1598 luminaire, with listed Halo housings
- UL Classified, with other housings (See specifications online for housing compatibility)
- · cULus Listed for damp locations
- cULus Listed wet location, covered ceiling (shower rated) with ML56 baffle and reflector trims only
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- IP66 Ingress Protection rated with baffle and reflector trims only
- RoHS compliant
- May be used in IC (Insulated Ceiling) housings in direct contact with insulation* and combustible material
 90 CBI (R9 > 50) can be used for California Title 24
 - 90 CRI (R9 > 50) can be used for California Title 24 compliance, Title 20 Certified for residential compliance
 Can be used for International Energy Conservation Code
- (IECC) high efficacy luminaire compliance

 ENERGY STAR® certified downlight recessed LED system
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits (commercial and residential compliant)
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21
- CE Mark "Conformité Européene" conformity with the Council of European Communities Directives, meeting internationally recognized compliance when used with Halo H750, and H2750 series LED housings only

Accessories

BFR56NFL Beam forming reflector kit, narrow flood, 25° nominal

80



BFR56MH

Halo Recessed Catalog - LED Recessed Downlighting

Media holder, accepts one 3.45" lens Requires BFR56NFL and L345SF (Order separately)



L345SF

3.45" diameter soft focus lens Requires BFR56NFL and BFR56MH (Order separately)



ML56 Ordering Information

600 Series - 90 CRI	900 Series - 90 CRI	1200 Series - 90 CRI
ML5606927 = 600 lumen, 2700K	ML5609927 = 900 lumen, 2700K	ML5612927 = 1200 lumen, 2700K
ML5606930 = 600 lumen, 3000K	ML5609930 = 900 lumen, 3000K	ML5612930 = 1200 lumen, 3000K
ML5606935 = 600 lumen, 3500K	ML5609935 = 900 lumen, 3500K	ML5612935 = 1200 lumen, 3500K
ML5606940 = 600 lumen, 4000K	ML5609940 = 900 lumen 4000K	ML5612940 = 1200 lumen, 4000K

690 Series - 6" LED Trims

691WB = 6" LED trim, polymer "dead-front", white shallow baffle & flange

shallow and standard housings (For use with 600 series LED light modules only)

692SC = 6" LED trim, specular reflector & white flange **692H** = 6" LED trim, haze reflector & white flange 692W = 6" LED trim, white reflector & flange 693WB = 6" LED trim, white micro-step baffle & flange

693BB = 6" LED trim, black micro-step baffle & white flange **693SNB** = 6" LED trim, satin nickel micro-step baffle & flange **693TBZB** = 6" LED trim, tuscan bronze micro-step baffle & flange

694WB = 6" LED directional trim, white eyeball, baffle & flange – shallow and standard housings 694SNB = 6" LED directional trim, satin nickel eyeball, baffle & flange – shallow and standard housings 694TBZB = 6" LED directional trim, tuscan bronze eyeball, baffle & flange — shallow and standard housings 695WW = 6" LED trim, wall wash — specular reflector, repositionable specular kick reflector, white flange 696WB = 6" LED trim, white shallow baffle & flange — for use with shallow and standard housings

(600 & 900 series LED light modules ONLY)

ML56 1200 series for use in shallow housing with 694x trims only.

System Accessories

ML56CLIP = 6" Friction clip mounting kit – for retrofitting non-torsion spring housings*

WW695SC = 6" Wall wash insert - kick reflector for 695WW

(1-included with trim) double or corner wall wash**

TRM690WH = 6" LED oversize trim ring for use with 69* series trims.

white 6.9" ID, 9.5" OD ring slips over LED trim. Inset design allows 6" trim to fit into oversize ring for an even trim surface

ML7RAB = Retrofit adapter band – installs in non-torsion spring 6" housings

*ML56CLIP is compatible with 6" baffle and reflector trims only (691, 692, 693, 695, 696 series) For eyeball trim (694 series) use ML7RAB retrofit adapter band

HE26LED = Replacement screw base adapter (One included with unit)



MI 56 Energy Data

600 Series	900 Series	1200 Series
(Values at non-dimming line voltage)	(Values at non-dimming line voltage)	(Values at non-dimming line voltage)
Minimum Starting Temp: -30°C (-22°F)	Minimum Starting Temp: -30°C (-22°F)	Minimum Starting Temp: -30°C (-22°F)
EMI/RFI: FCC Title 47 CFR, Part 15, (Consumer)	EMI/RFI: FCC Title 47 CFR, Part 15, (Consumer)	EMI/RFI: FCC Title 47 CFR, Part 15, (Consumer)
Sound Rating: Class A	Sound Rating: Class A	Sound Rating: Class A
Input Voltage: UNV 120V-277V	Input Voltage: UNV 120V-277V	Input Voltage: UNV 120V-277V
Power Factor: >0.95 @ 120V and >0.9 @277V	Power Factor: >0.95 @ 120V and >0.9 @277V	Power Factor: >0.95 @ 120V and >0.9 @277V
Input Frequency: 50/60Hz	Input Frequency: 50/60Hz	Input Frequency: 50/60Hz
THD: <20%	THD: <20%	THD: <20%
Input Power: 9.5W (90 CRI)	Input Power: 9.4W (90 CRI)	Input Power: 12.3W (90 CRI)
Input Current at 120V: 0.15A	Input Current at 120V: 0.15A	Input Current at 120V: 0.14A
Input Current at 277V: 0.08A	Input Current at 277V: 0.08A	Input Current at 277V: 0.07A
Driver Compliance: UL8750, Class II rated	Driver Compliance: UL8750, Class II rated	Driver Compliance: UL8750, Class II rated

Dimming

Designed for dimming capability on 120V input to nominal 5% in normal operation with 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimmers with low end trim adjustment offer greater assurance of achieving 5% level. (Consult dimmer manufacturer for dimmer compatibility and conditions of use. Note, Some dimmers require a neutral in the wallbox)

Color Specification & Quality Standards

- A tight chromaticity specification ensures LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) over the useful life of the LED
- LED color uniformity of 3 SDCM, exceeds ENERGY STAR® color standards per ANSI C78.377-2008
- Halo LED serialized testing and measurement process ensures color and lumen consistency on a per-unit basis, and validates long-term product consistency over time

691 Shallow Polymer Baffle, Self-flange

- Shallow polymer (plastic) baffle with self-flange
- · For use with ML56 600 series LED modules ONLY
- Non-conductive polymer (plastic) "dead-front" construction
- Shallow height allows use in shallow or standard ceiling housings
- · Wet location shower listed with ML56 LED modules
- . For use with 600 series ML56 LED modules ONLY



White Shallow Polymer Baffle, White Self-flange



Dimensions**

A: 4-7/8" [123mm] H: 1-1/2" [39mm] OD: 6-1/2" [166mm]

692 Reflector, Self-flange

- · Reflectors with self-flange
- · For use with ML56 series LED modules
- · Aluminum construction
- For use in standard housings
- · Wet location shower listed with ML56 LED light modules



692W

White Reflector, White Self-flange



692SC

Specular Reflector, White Self-flange



692H Haze Reflector, White Self-flange



Dimensions**

A: 4-7/8" [123mm] H: 1-1/2" [39mm] OD: 6-1/2" [166mm]

693 Micro-Step Baffle, Self-flange

- Baffles with self-flange
- · For use with ML56 series LED modules
- · Aluminum construction
- · For use in standard housings
- Wet location shower listed with ML56 LED light modules



693WB

White Baffle, White Self-flange



693BB

Black Baffle, White Self-flange



693SNB

Satin Nickel Baffle, Satin Nickel Self-flange



693TBZB

Tuscan Bronze Baffle, Tuscan Bronze Self-flange



Dimensions**

A: 4-7/8" [123mm] H: 1-1/2" [39mm] OD: 6-1/2" [166mm]

694 Eyeball, 30° Tilt, Self-flange

- · Eyeball with baffle and self-flange
- For use with ML56 series LED modules
- · Aluminum construction
- · For use in standard and shallow housings
- Eyeball tilts from 0 to 30 degrees



694WB

White Reflector, White Self-flange



694SNB

Satin Nickel Reflector, Satin Nickel Self-flange



694TBZB

Tuscan Bronze Reflector, Tuscan Bronze Self-flange



Dimensions**

A: 4-1/2" [113mm] H: 1" [26mm] OD: 6-1/2" [166mm]

695 Wall Wash Reflector, Self-flange

- Specular reflector and specular "kick" reflector insert
- · For use with ML56 series LED light modules
- · Aluminum construction reflector and precision molded "kick" reflector
- · Repositionable kick reflector allows wall wash adjustment Optional accessory kick reflector for
- double or corner wall wash (WW695SC) Wet location shower listed with ML56 LED modules



695WW

Wall Wash - Specular Reflector, Repositionable Specular Kick Reflector, White Self-flange



WW695SC

Optional Accessory -Wall Wash Kick Reflector



Dimensions**

A: 4-7/8" [123mm] H: 1-1/2" [39mm] OD: 6-1/2" [166mm]

696 Shallow Baffle, Self-flange

- · Shallow baffle with self-flange
- · For use with ML56 series LED light modules
- Aluminum construction
- Shallow height allows use in shallow or standard ceiling housings (For use in shallow housings with ML56 600 series and 900 series LED modules only)
- · Wet location shower listed with ML56 LED modules



White Shallow Baffle, White Self-flange



Dimensions**

A: 4-7/8" [123mm] H: 1-1/2" [39mm] OD: 6-1/2" [166mm]



HALO HL3 3-inch LED housings and trims

Seamless Ceiling Integration

Halo now offers a complete family of 3-inch LED recessed downlights ideal for your next demanding project. Choose from round or square apertures available in broad range of trim styles and optical distributions meeting demanding architectural factors including ceiling height, square footage and fixture spacing criteria.

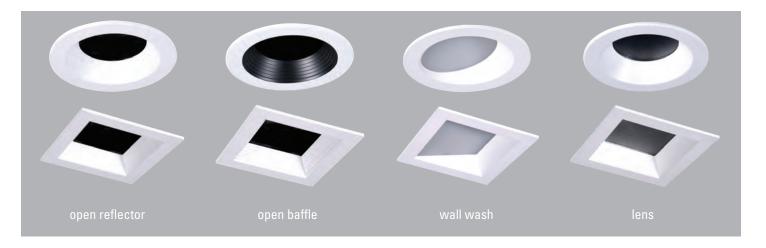
Trims are available in a range of finishes to match many décors. Magnets pulls trims tight to the ceiling eliminating gaps and light leaks. Trims maybe installed rimless with a true knife-edge interface creating a quiet ceiling appearance. Symmetrical trims can be used for both general area and accent lighting creating a consistent visual appearance.



HL36A3" shallow round new construction directional housing



HL36SA3" shallow square new construction directional housing



Rimless trims

Standard round and square housings can be converted to a rimless applications using the rimless adapter. A true knife-edge interface with the trim provides a "quiet ceiling" appearance.

The rimless adapter replaces the standard collar and adjusts to level with the finished ceiling. The perforated pattern and tapered flange facilitates blending with the ceiling surface.





RA3S

84





Ease of installation

High-end residential and prestige commercial ceiling construction is complex. Housings have numerous proprietary contractor features and install quickly saving time and money. The same housing type is used for task, accent, wall washing and general area illumination simplifying planning and installation. Optical distribution can be easily changed in the field to adapt to changes in the field.

Whether a single accent fixture is installed in a new project to keep up with the homeowner's growing artwork collection or hundreds are used in the common areas of a hotel a unified design theme across all trim types and finishes creates a visually seamless installation allowing the architecture or other features to be the primary focus.

Optics

Primary optics are field interchangeable and are available in Spot (SP), Narrow Flood (NFL), Flood (FL) and Wide Flood (WFL) distribution patterns.



spot, 15°



narrow flood, 25°



flood, 40°



wide flood, 55°



Each Halo HL3 housing is fitted with (8) rare earth Neodymium magnets that securely hold the trim in place. This allows for subtle repositioning to align apertures.



Aim and focus

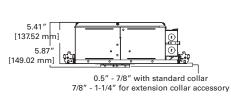
The housings have a built-in adjustment mechanism that will rotate 365°, tilt 45° and locks in position maintaining any aiming angle. Angle markings assist in repeatable settings. The primary optics are field interchangeable and are available in spot, narrow flood, flood and wide flood distribution patterns.



HL36A Series



16.55" [420.38 mm] 5.51" [139.85 mm] [259.90 mm] [355.60 mm]



HL36A

3" IC, Shallow New Construction, LED Housing

Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns. Ideal for accent, task and general area lighting. Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions and can be used in direct contact with insulation. Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter. Use where high efficiency, excellent light control and low aperture brightness are required.















Special Features

Got Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

TL3R TL3RMWRL TL3BBWF / TL3WBWF TL3PIN TL3PINMWWBRL TL3R2G TL3R2GMWRL TL3PR2GMW TL3R2GBBWF / TL3R2GWBWF TL3PIN2G

Features

Frame

- Galvanized steel plaster frame with integral bar hanger receivers
- · Setscrew provide positive horizontal locking
- Collar adjusts vertically to accommodate 1/2" to 7/8" thick ceilings and locks in position with (4) screws
- Use optional collar extender for 7/8" to 1-1/4" thick ceilings
- Integral gun sights facilitate the use of guide strings or laser lines
- · Shipped with overspray protector installed

Housing

- Steel housing painted matte black for a visually dark interior
- Removable top allows service from above

Bar Hangers

- GOT NAIL! Gen 3 bar hangers adjust from 10-1/2" to
- · Pass thru feature allows shortening without removal
- Captive nail penetrates standard and engineered lumber
- Mounting flange levels platform with ceiling
- Integral clip attaches directly to tee-bar

Gaskets

Gaskets achieve restrictive airflow requirements without additional caulking

Adjustment Mechanism

- Rotates 360°, tilts 45° and locks in position maintaining any aiming angle
- · Angle markings assist in repeatable settings
- Translating center beam optics aligns axis of primary reflector with aperture from nadir to 45°

Trim Retention

- Attached by (8) rare earth Neodymium magnets, holds trim securely to the ceiling
- Tether secures trim to housing during service or adjustment

LED Module

- · LED array is field replaceable
- Proximity phosphors over chip on board LEDs provide a uniform source with high efficiency and no pixilation
- · Color accuracy within 3 SDCM and 90 CRI minimum
- · Passive cooling achieves L70 at 50,000 hours

Primary Optic

- Precision molded optics deliver highly efficient and uniform patterns
- Various patterns are available and can be interchanged without tools

Modia

- Integral media holder accepts up to (2) 2" diameter 3.0mm thick color filters or lens
- Order color filters and lens separately

- Die cast aluminum trims are available in open, lens and lens wall wash styles
- Polymer non-conductive trim meets many local code requirements for 'dead front'
- · Physical and optical cutoff provides visual comfort
- Light trap eliminates spill light with flange
- Multiple finishes to match many décors
- Available in self-flanged or rimless styles with optional rimless adaptor accessory

Shielding

- · Micro-prismatic lens standard with lens trims
- · Hinged to allow rimless trim removal
- · Order color filters and lens separately

Drive

Halo Recessed Catalog - LED Recessed Downlighting

- Field replaceable constant current driver provides noise free operation
- UNV 120-277VAC 50/60Hz input
- Continuous, flicker-free 1% dimming, available with LE and TE phase cut (at 120V only) and 0-10V analog control

Junction Box

- Galvanized steel junction box with 18in3 internal volume
- Listed for (12) #12 AWG 90° C splice conductors
- (7) 1/2" conduit pry-outs positioned to allow straight conduit runs
- (3) Slide-N-Side™ non-metallic (NM) wire traps
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts mains voltage connections

Compliance

- Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013
- Wet location listed in covered ceilings and IP44 certified with select trims
- · Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits.
- · Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES I.M-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JAB, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JAB High Efficacy Lighting
- ENERGY STAR® certified, reference certified light fixtures database

HL3 Round Trim Series

Use with HL36A Series Housings

TL3R Conical Reflector, Open, Self Flanged



- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- · Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- · Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.



TL3RHSemi-specular clear reflector and flange



TL3RMWMatte white reflector and flange



TL3RHWF Semi-specular clear reflector and matte white flange



TL3RMBMatte white reflector and flange



TL3RBNBrushed nickel reflector and flange



TL3RORBOil rubbed bronze reflector and flange



Dimensions**A: 3.22" [81.67mm]
H: .77" [19.43mm]
OD: 4.36" [110.84mm]

TL3RMWRL Conical Reflector, Open, Rimless

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- · Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions and
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required



TL3RMWRLMW Matte white reflector and flange



Dimensions**
A: 3.37" [85.60mm]
H: .74" [18.88mm]
OD: 3.56" [90.42mm]

TL3BBWF / TL3WBWF Conical Baffle, Open, Self Flanged



- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.



TL3BBWFMatte black baffle, matte white flange



TL3WBWFMatte white baffle, matte white flange



Dimensions**A: 3.22" [81.67mm]
H: .77" [19.43mm]
OD: 4.36" [110.84mm]

TL3PIN Round Pinhole w/Oculus, Open, Self Flanged



- Ideal for accent, task and general area lighting.Housing is airtight, suitable for 2x6 residential or
- shallow plenum commercial constructions.
- · Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter
- Use where high efficiency, excellent light control and low aperture brightness are required.



TL3PINBNBBBrushed nickel flange, black oculus



TL3PINMBBB Matte black flange, black oculus



TL3PINORBBBOil rubbed bronze flange, black oculus



TL3PINMWWB Matte white flange, white oculus



TL3PINMWBB Matte white flange, black oculus



Dimensions**A: 3.06" [77.67mm]
H: .84" [21.23mm]
OD: 4.36" [110.84mm]

TL3PINMWWBRL Round Pinhole w/Oculus, Open, Rimless



- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless
- Use where high efficiency, excellent light control and low aperture brightness are required.



TL3PINMWWBRL Matte white flange, white oculus



Dimensions** A: 3.37" [85.60mm] H: .77" [19.63mm] OD: 3.56" [90.42mm]

Directional Lens

TL3R2G Conical Reflector, Diffuse Lens, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless
- Use where high efficiency, excellent light control and low aperture brightness are required.



TL3R2GH Semi-specular clear reflector



TL3R2GMW Matte white reflector and flange



TL3R2GHWF Semi-specular clear reflector and matte white flange



TL3R2GMB Matte white reflector and flange



TL3R2GBN Brushed nickel reflector and flange



TL3R2GORB Oil rubbed bronze reflector and flange



Dimensions** A: 3.22" [81.67mm] H: .77" [19.43mm] OD: 4.36" [110.84mm]

TL3R2GMWRL Conical Reflector, Diffuse Lens, Rimless



- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless
- Use where high efficiency, excellent light control and low aperture brightness are required.



TL3R2GMWRL matte white reflector and flange



Dimensions** A: 3.37" [85.60mm] H: .74" [18.88mm] OD: 3.56" [90.42mm]

TL3PR2GMW Conical Polymer Reflector, Diffuse Lens, Self Flanged



- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless
- Use where high efficiency, excellent light control and low aperture brightness are required.



TL3PR2GMW Matte white reflector and flange



Dimensions** A: 3.22" [81.67mm] H: .77" [19.43mm] OD: 4.36" [110.84mm]

88

TL3R2GBBWF / TL3R2GWBWF Conical Baffle, Diffuse Lens, Self Flanged



- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- · Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.



TL3R2GBBWFMatte black baffle, matte white flange



TL3R2GWBWFMatte white baffle, matte white flange



Dimensions**A: 3.22" [81.67mm]
H: .77" [19.43mm]
OD: 4.36" [110.84mm]

TL3PIN2G Round Pinhole w/Oculus, Diffuse Lens, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- · Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter
- Use where high efficiency, excellent light control and low aperture brightness are required.



TL3PIN2GBNBBBrushed nickel flange, black oculus



TL3PIN2GMBBB Matte black flange, black oculus



TL3PIN2GORBBBOil rubbed bronze flange, black oculus



TL3PIN2GMWWB Matte white flange, white oculus



TL3PIN2GMWBB Matte white flange, black oculus



Dimensions**A: 3.06" [77.67mm]
H: .84" [21.23mm]
OD: 4.36" [110.84mm]

TL3PIN2GMWWBRL Round Pinhole w/Oculus, Diffuse Lens, Rimless



- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.



TL3PIN2GMWWBRL Matte white flange, white oculus



Dimensions** A: 3.37" [85.60mm] H: .77" [19.63mm] OD: 3.56" [90.42mm]

TL3LWW6G Conical Angle Cut Lens Wall Wash, Self Flanged



- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- · Ideal for accent, task and general area lighting.
- · Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- · Can be used in direct contact with insulation.
- · Trims are available in a range of finishes and can be installed rimless with an optional rimless
- · Use where high efficiency, excellent light control and low aperture brightness are required.



TL3LWW6GH

Semi-specular clear reflector and flange



TL3LWW6GHWF

Semi-specular clear reflector and matte white flange



TL3LWW6GMW

Matte white reflector and



Dimensions**

A: 3.50" [88.91mm] H: .96" [24.45mm] OD: 4.36" [110.84mm]

TL3LWW6GMWRL Conical Angle Cut Lens Wall Wash, Rimless



- · Ideal for accent, task and general area lighting.
- · Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.



TL3LWW6GMWRL

Matte white reflector and flange



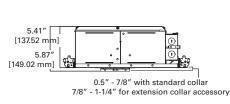
Dimensions**

A: 3.36" [85.26mm] H: .87" [22.10mm] OD: 3.56" [90.42mm]

HL36SA Series



16.55" [420.38 mm] 5.51" [139.85 mm 10.23" [259.90 mm] 14' [355.60 mm]



HL36SA

3" IC, Square Shallow New Construction, LED Housing

Recessed 3-inch square aperture LED downlight / directional with field interchangeable optics provide various distribution patterns. Ideal for accent, task and general area lighting. Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions and can be used in direct contact with insulation. Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter. Use where high efficiency, excellent light control and low aperture brightness are required.















Special Features

Got Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

TLS3R TLS3R2G

Compatible Trims

TLS3RMWRL TLS3R2GMWRL TLS3BBWF / TLS3WBWF TLS3PR2GMW TLS3R2GBBWF / TLS3R2GWBWF TI S3PIN TLS3PINMWWBRL TI S3PIN2G

Features

Frame

- Galvanized steel plaster frame with integral bar hanger receivers
- Setscrew provide positive horizontal locking
- Collar adjusts vertically to accommodate 1/2" to 7/8" thick ceilings and locks in position with (4) screws
- Use optional collar extender for 7/8" to 1-1/4" thick
- Integral gun sights facilitate the use of guide strings or laser lines
- · Shipped with overspray protector installed

Housing

- Steel housing painted matte black for a visually dark
- · Removable top allows service from above

Bar Hangers

- GOT NAIL! Gen 3 bar hangers adjust from 10-1/2" to
- · Pass thru feature allows shortening without removal
- · Captive nail penetrates standard and engineered lumber
- · Mounting flange levels platform with ceiling
- · Integral clip attaches directly to tee-bar

Gaskets

Gaskets achieve restrictive airflow requirements without additional caulking

Adjustment Mechanism

- Rotates 360°, tilts 45° and locks in position maintaining any aiming angle
- Angle markings assist in repeatable settings
- Translating center beam optics aligns axis of primary reflector with aperture from nadir to 45°

Trim Retention

- Attached by (8) rare earth Neodymium magnets, holds trim securely to the ceiling
- Tether secures trim to housing during service or adjustment

LED Module

- LED array is field replaceable
- Proximity phosphors over chip on board LEDs provide a uniform source with high efficiency and no pixilation
- Color accuracy within 3 SDCM and 90 CRI minimum
- · Passive cooling achieves L70 at 50,000 hours

Primary Optic

- Precision molded optics deliver highly efficient and
- Various patterns are available and can be interchanged without tools

- Integral media holder accepts up to (2) 2" diameter 3.0mm thick color filters or lens
- Order color filters and lens separately

- Die cast aluminum trims are available in open, lens and lens wall wash styles
- Polymer non-conductive trim meets many local code requirements for 'dead front'
- Physical and optical cutoff provides visual comfort
- Light trap eliminates spill light with flange
- Multiple finishes to match many décors
- Available in self-flanged or rimless styles with optional rimless adaptor accessory

Shielding

- · Micro-prismatic lens standard with lens trims
- · Hinged to allow rimless trim removal

Driver

- Field replaceable constant current driver provides noise free operation
- UNV 120-277VAC 50/60Hz input
- Continuous, flicker-free 1% dimming, available with LE and TE phase cut (at 120V only) and 0-10V analog control

Junction Box

- · Galvanized steel junction box with 18in3 internal volume
- · Listed for (12) #12 AWG 90° C splice conductors
- (7) 1/2" conduit pry-outs positioned to allow straight conduit runs
- (3) Slide-N-Side™ non-metallic (NM) wire traps
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2
- (3) 4-port push wire nuts mains voltage connections

Compliance

- Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp
- · Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013
- Wet location listed in covered ceilings and IP44 certified with select trims
- Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- ENERGY STAR® certified, reference certified light fixtures database

HL3 Square Trim Series

Use with HL36SA Series Housings

TLS3R Square Reflector, Open, Self Flanged

air 440

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- · Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- · Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.



TLS3RH

Semi-specular clear reflector and flange



TLS3RMW

Matte white reflector and flange



TLS3RHWF

Semi-specular clear reflector and matte white flange



TLS3RMB

Matte white reflector



TLS3RBN

Brushed nickel reflector and flange



TLS3RORB

Oil rubbed bronze reflector and flange



Dimensions**

A: 3.22" [81.67mm] H: .77" [19.43mm] OD: 4.36" [110.84mm]

TLS3RMWRL Square Reflector, Open, Rimless

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
 Housing is airtight, suitable for 2x6 residential or
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- · Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.



TLS3RMWRL

Matte white reflector and flange



Dimensions**

A: 3.44" [87.41mm] H: .74" [18.88mm] OD: 3.56" [90.42mm]

TLS3BBWF / TLS3WBWF Square Baffle, Open, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.



TLS3BBWF

Matte black baffle, matte white flange



TLS3WBWF

Matte white baffle, matte white flange



Dimensions**

A: 3.22" [81.67mm] H: .77" [19.43mm] OD: 4.36" [110.84mm]

TLS3PIN Square Pinhole w/Oculus, Open, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- · Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.



TLS3PINBNBB

Brushed nickel flange, black oculus



TLS3PINMBBB

Matte black flange, black oculus



TLS3PINORBBB

Oil rubbed bronze flange, black oculus



TLS3PINMWWB Matte white flange,

white oculus



TLS3PINMWBB

Matte white flange, black oculus



Dimensions**

A: 3.38" [85.86mm] H: .82" [20.83mm] OD: 4.36" [110.84mm]

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

HL3 Square Trim Series

Use with HL36SA Series Housings

TLS3PINMWWBRL Square Pinhole w/Oculus, Open, Rimless



- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless
- Use where high efficiency, excellent light control and low aperture brightness are required.



TLS3PINMWWBRL Matte white flange,

white oculus



Dimensions** A: 3.39" [86.20mm] H: .84" [21.29mm] OD: 3.56" [90.42mm]

Directional Lens

TLS3R2G Conical Reflector, Diffuse Lens, Self Flanged



- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- · Can be used in direct contact with insulation.
- · Trims are available in a range of finishes and can be installed rimless with an optional rimless
- Use where high efficiency, excellent light control and low aperture brightness are required.



TLS3R2GH

Semi-specular clear reflector and flange



TLS3R2GMW Matte white reflector and flange



TLS3R2GHWF Semi-specular clear reflector

and matte white flange



TLS3R2GMB Matte white reflector and flange



TLS3R2GBN Brushed nickel reflector and flange



TLS3R2GORB Oil rubbed bronze reflector and flange



Dimensions**

A: 3.22" [81.67mm] H: .77" [19.43mm] OD: 4.36" [110.84mm]

TLS3R2GMWRL Square Reflector, Diffuse Lens, Rimless



- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless
- Use where high efficiency, excellent light control and low aperture brightness are required.



TLS3R2GMWRL matte white reflector

and flange



Dimensions**

A: 3.44" [87.41mm] H: .74" [18.88mm] OD: 3.56" [90.42mm]

TLS3PR2GMW Square Polymer Reflector, Diffuse Lens, Self Flanged



- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- · Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless
- Use where high efficiency, excellent light control and low aperture brightness are required.



TLS3PR2GMW

Matte white reflector and flange



Dimensions**

A: 3.22" [81.67mm] H: .77" [19.43mm] OD: 4.36" [110.84mm]

TLS3R2GBBWF / TLS3R2GWBWF Square Baffle, Diffuse Lens, Self Flanged



- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- · Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless
- Use where high efficiency, excellent light control and low aperture brightness are required.



TLS3R2GBBWF Matte black baffle, matte white flange



TLS3R2GWBWF Matte white baffle, matte white flange



Dimensions** A: 3.22" [81.67mm] H: .77" [19.43mm] OD: 4.36" [110.84mm]

TLS3PIN2G Square Pinhole w/Oculus, Diffuse Lens, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- · Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required



TLS3PIN2GBNBB Brushed nickel flange, black oculus



TLS3PIN2GMBBB Matte black flange, black oculus



TLS3PIN2GORBBB Oil rubbed bronze flange, black oculus



Matte white flange, white oculus



TLS3PIN2GMWBB Matte white flange, black oculus



Dimensions** A: 3.38" [85.86mm]

H: .82" [20.83mm] OD: 4.36" [110.84mm]

TLS3PIN2GMWWBRL Square Pinhole w/Oculus, Diffuse Lens, Rimless



- · Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless
- Use where high efficiency, excellent light control and low aperture brightness are required



TLS3PIN2GMWWBRL Matte white flange, white oculus



Dimensions** A: 3.39" [86.20mm]

H: .84" [21.29mm] OD: 3.56" [90.42mm]

Lens Wall Wash

TLS3LWW6G Square Angle Cut Lens Wall Wash, Self Flanged



- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- · Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- · Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required



TLS3LWW6GH

Semi-specular clear reflector and flange



TLS3LWW6GHWF

Semi-specular clear reflector and matte white flange



TLS3LWW6GMW

Matte white reflector and flange



Dimensions**

A: 3.48" [88.42mm] OD: 4.36" [110.84mm]

TLS3LWW6GMWRL Square Angle Cut Lens Wall Wash, Rimless



- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- · Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- · Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter
- Use where high efficiency, excellent light control and low aperture brightness are required



TLS3LWW6GMWRL

Matte white reflector and flange



Dimensions**

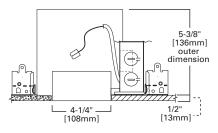
A: 3.33" [84.53mm] H: .87" [22.10mm] OD: 3.56" [90.42mm]

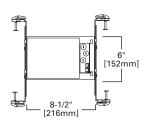
H457ICAT1E



4" IC, Air-Tite, Shallow New Construction, LED Housing

The Halo H4 LED is a family of 4" aperture recessed downlight H457 series of housings designed for exclusive use with Halo EL406, ELG406, ELG406 series LED light engines and compatible 4" TL4 and TLS4 LED trims. Halo H4 LED housings have LED drivers that offer dimming as a standard feature. This is an insulated ceiling* Air-Tite™ housing offering 120 volt dimming capability. The H4 LED series offers high quality downlighting along with high efficacy — the result being great lighting and significant energy savings.















Special Features

Got Nail!™ bar hangers

Pass-N-Thru™ bars

Slide-N-Side™ junction box

Quick Connect™ push wire nuts

Air-Tite™ code compliant

Compatible Light Engines

927
930
935
940

Compatible Trims

TL402	TL409	TL411	
TL403	TL410	TL422	
TL408			

Features

Housing

- · Enclosure of formed aluminum construction
- Openings are gasketed Air-Tite
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

Plaster Frame

- Galvanized steel die-formed construction
- The collar can be removed from plaster frame to provide access to the junction box
- Collar adjusts for ceilings up to 1-1/4" thick
- Plaster frame features include:
 - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
 - · Cutouts for easily crimping hanger bars in position
 - Air-Tite aperture gasket is pre-installed
 - · Halo identity embossed on plaster frame

Includes:

- Got Nail![™] bar hangers (Details Pg. 13)
- Pass-N-Thru™ bars (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

LED Light Engine Connection

- LED connector is a non-screw base connector offering easy installation with the H4 LED EL406, ELG406, ELSG406 series LED light engines
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (see LED module specification)

LED Driver

- · LED dimmable driver mounts in the junction box.
- Driver is a 120 volt, high efficiency, electronic power supply providing low voltage power to EL series LED light engines
- Driver meets FCC EMI/RFI consumer level limits for use in residential and commercial installations
- Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming

- Designed for continuous dimming capability to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimmers with low end trim adjustment offer greater assurance of achieving 5% level.
- Consult dimmer manufacturer for compatibility and conditions of use (Note, some dimmers require a neutral in the wallbox)

OR

Compliance

- cULus Listed 1598 luminaire
- cULus Listed for damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation* and combustible material
- Use with designated HALO LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy luminaire compliance with EL series LED light engines
- Can be used for International Energy Conservation Code (IECC) high efficacy luminaire compliance
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

*Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)

H457ICAT1E Energy Data

0,
H4 Series LED (Values at non-dimming line voltage)
Minimum Starting Temp: -30°C (-22°F)
EMI/RFI: FCC Title 47 CFR, Part 18, (Consumer)
Sound Rating: Class A standards
Input Voltage: 120V
Power Factor: >0.90
Input Frequency: 50/60Hz
THD: <20%
Input Power: 13W
Input Current: 121mA
Driver Compliance: UL6950, LPS rated

H4 LED Lighting System

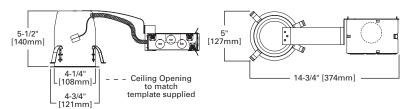






H457RICAT1E





H457RICAT1E

4" IC, Air-Tite, Shallow Remodel, LED Housing

The Halo H4 LED is a family of 4" aperture recessed downlight H457 series of housings designed for exclusive use with Halo EL406, ELG406, ELSG406 series LED light engines and compatible TL4 and TLS4 LED trims. Halo H4 LED housings have LED drivers that offer dimming as a standard feature. This is an insulated ceiling*, Air-Tite™, remodel housing offering 120 Volt dimming capability. The H4 LED series offers high quality downlighting along with high efficacy — the result being great lighting and significant energy savings.











Special Features

Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Light Engines

EL406927	ELG406927	ELSG406927
EL406930	ELG406930	ELSG406930
EL406935	ELG406935	ELSG406935
EL406940	ELG406940	ELSG406940

Compatible Trims

TL402	TL409	TL411	
TL403	TL410	TL422	
TI 408			

Features

Housing

Single wall formed aluminum construction. Openings are gasketed for Air-Tite installation. 5-1/2" height allows use in shallow joist construction. Air-Tite aperture gasket is pre-installed.

Remodel Arm

Spring steel construction designed for ease of installation and ceiling support of LED driver

Remodel Springs

Four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling material

Includes:

- Slide-N-Side[™] junction box wire traps (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)

LED Light Engine Connection

- LED connector is a non-screw base connector offering easy installation with the H4 LED EL406, ELG406, ELSG406 series LED light engines
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (See LED module specification)

LED Driver

- · LED dimmable driver mounts in the junction box
- Driver is a 120 Volt, high efficiency, electronic power supply providing low voltage power to EL series LED light engines
- Driver meets FCC EMI/RFI consumer level limits for use in residential and commercial installations
- Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure
- If dimming is not required the fixture an be operated from a standard wall switch

Dimming

- Designed for continuous dimming capability to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimmers with low end trim adjustment offer greater assurance of achieving 5% level.
- Consult dimmer manufacturer for compatibility and conditions of use (Note, some dimmers require a neutral in the wallbox)

Compliance

- · cULus Listed 1598 luminaire
- cULus Listed for damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material
- Use with designated HALO LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy luminaire compliance with EL series LED light engines
- Can be used for International Energy Conservation Code (IECC) high efficacy luminaire compliance
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.

*Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)

H4 LED Lighting System







H457RICAT1E Energy Data

H4 Series LED (Values at non-dimming line voltage)		
Minimum Starting Temp: -30°C (-22°F)		
EMI/RFI: FCC Title 47 CFR, Part 18, (Consumer)		
Sound Rating: Class A standards		
Input Voltage: 120V		
Power Factor: >0.90		
Input Frequency: 50/60Hz		
THD: <20%		
Input Power: 13W		
Input Current: 120mA		
Driver Compliance: UL8750, Class II rated		

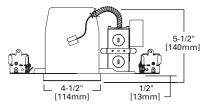
H457TATE010

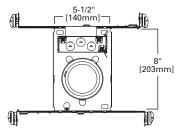


4" Non-IC, Shallow New Construction, Dimmable LED Housing

The Halo H4 LED is a family of 4" aperture recessed downlight H457 series of housings designed for exclusive use with Halo EL406, ELG406, ELSG406 series LED light engines and compatible 4" TL4 and TLS4 LED trims. Halo H4 LED housings have integral LED drivers that offer dimming as a standard feature. This is a Non-IC, Air-Tite™ housing for non-insulated ceiling installations, universal voltage 120V-277V input, and dimming

This is a Non-IC, Air-Tite™ housing for non-insulated ceiling installations, universal voltage 120V-277V input, and dimming with either 120V phase control dimmers, or 0-10V DC control systems. The H4 LED series offers high quality downlighting along with high efficacy — the result being great lighting and significant energy savings.













Special Features

Got Nail!™ bar hangers

Pass-N-Thru™ bars

Slide-N-Side™ junction box

Quick Connect™ push wire nuts

Air-Tite™ code compliant

Compatible Light Engines

EL406927	ELG406927	ELSG406927
EL406930	ELG406930	ELSG406930
EL406935	ELG406935	ELSG406935
EL406940	ELG406940	ELSG406940

Compatible Trims

TL402	TL409	TL411	
TL403	TL410	TL422	
TL408			

Features

Housing

- Single wall die-formed construction
- Openings are gasketed

Plaster Frame

- · Galvanized steel die-formed construction
- Housing can be removed from plaster frame for access to junction box
- · Housing adjusts for ceilings up to 1" thickness
- · Plaster frame features include:
 - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
 - · Cutouts for easily crimping hanger bars in position
 - · Air-Tite aperture gasket is pre-installed
 - · Halo identity embossed on plaster frame

Includes:

- Got Nail![™] bar hangers (Details Pg. 13)
- Pass-N-Thru[™] bars (Details Pg. 13)
- Slide-N-Side[™] junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

LED Light Engine Connection

- LED connector is a non-screw base connector offering easy installation with the H4 LED EL406, ELG406, ELSG406 series LED light engines
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (See LED module specification)

LED Driver

- LED dimmable driver mounts to the housing junction box
- Driver is a 120V-277V universal voltage, high efficiency, electronic power supply providing low voltage power to EL series LED light engines
- Driver meets FCC EMI/RFI consumer level limits for use in residential and commercial installations
- Driver features high power factor and low THD, and has integral thermal protection in the event of over temperature or internal failure
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming - Phase Control

Designed for continuous dimming to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note, some dimmers require a neutral in the wallbox)

Dimming - 0-10V

- Dimmable to 10% with compatible 0-10V DC low voltage dimmers
- 0-10V DC dimmers operate using two low voltage dimming wires (color coded violet and gray). The low voltage dimming wires are separate from the 120V AC or 277V AC power.
- Switching on/off is controlled via the line voltage (120V AC or 277V AC) power, and dimming is controlled via the 2-wire 0-10V DC low voltage wiring

Compliance

- cULus Listed 1598 luminaire
- · cULus Listed for damp location
- cULus Listed for wet location, covered ceiling, with select trims
- For non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from all sides of housing.
- Use with designated HALO LED systems for ENERGY STAR® certification
- Can be used to comply with State of California Title 24 non-residential lighting controls requirements as part of an LED luminaire
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

H457TATE010 Energy Data

11737 IAI LOID LIICIGY Data		
H4 Series LED (Values at non-dimming line voltage)		
Minimum Starting Temp: -30°C (-22°F)		
EMI/RFI: FCC Title 47 CFR, Part 18, (Consumer)		
Sound Rating: Class A standards		
Input Voltage: 120V-277V		
Power Factor: >0.90		
Input Frequency: 50/60Hz		
THD: <25%		
Input Power: 13W		
Input Current: 121mA		
Driver Compliance: UL8750, Class II rated		

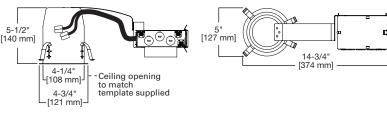
H4 LED Lighting System











4" Non-IC, Shallow Remodel, Dimmable LED Housing

The Halo H4 LED is a family of 4" aperture recessed downlight H457 series of housings designed for exclusive use with Halo EL406, ELG406, ELSG406 series LED light engines and compatible 4" TL4 and TLS4 LED trims. Halo H4 LED housings have integral LED drivers that offer dimming as a standard feature. This is a Non-IC, Air-Tite™ remodel housing designed for non-insulated ceiling installations, universal voltage 120V-277V input, and dimming with either 120V phase control dimmers, or 0-10V DC control systems. The H4 LED series offers high quality downlighting along with high efficacy — the result being great lighting and significant energy savings.









Special Features

Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Light Engines

EL406927	ELG406927	ELSG406927
EL406930	ELG406930	ELSG406930
EL406935	ELG406935	ELSG406935
EL406940	ELG406940	ELSG406940

Compatible Trims

TL402	TL409	TL411	
TL403	TL410	TL422	
TL408			

Features

Housing

Single wall aluminum housing. Openings are gasketed for Air-Tite installation. 5-1/2" height allows use in shallow joist construction. Air-Tite aperture gasket is pre-installed.

Remodel Arm

Spring steel construction designed for ease of installation and ceiling support of LED driver

Remodel Springs

Four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling material

Includes:

- Air-Tite[™] code compliant (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)

LED Light Engine Connection

- LED connector is a non-screw base connector offering easy installation with the H4 LED EL406, ELG406, ELSG406 series LED light engines
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (See LED module specification)

LED Driver

- · LED dimmable driver mounts to the housing junction box
- Driver is a 120V-277V universal voltage, high efficiency, electronic power supply providing low voltage power to EL series LED light engines
- Driver meets FCC EMI/RFI consumer level limits for use in residential and commercial installations
- Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming - Phase Control

Designed for continuous dimming to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note, some dimmers require a neutral in the wallbox)

Dimming - 0-10V

- Dimmable to 10% with compatible 0-10V DC low voltage dimmers
- 0-10V DC dimmers operate using two low voltage dimming wires (color coded violet and gray). The low voltage dimming wires are separate from the 120V AC or 277V AC power.

 Switching on/off is controlled via the line voltage (120V AC or 277V AC) power, and dimming is controlled via the 2-wire 0-10V DC low voltage wiring

Compliance

- · cULus Listed 1598 luminaire
- · cULus Listed for damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- Use with designated HALO LED systems for ENERGY STAR® certification
- Can be used to comply with State of California Title 24 non-residential lighting controls requirements as part of an LED luminaire
- For non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from all sides of housing.

H457RTATE010 Energy Data

H4 Series LED (Values at non-dimming line voltage) Minimum Starting Temp: -30°C (-22°F) EMI/RFI: FCC Title 47 CFR, Part 15, (Consumer) Sound Rating: Class A standards Input Voltage: 120V-277V Power Factor: >0.90 Input Frequency: 50/60Hz THD: <25% Input Power: 13W Input Current: 121mA Driver Compliance: UL8750, Class II rated

H4 LED Lighting System









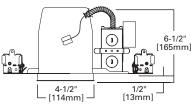


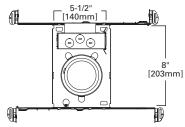
H457TCPE010



4" Non-IC, New Construction, Dimmable LED Housing, Chicago Plenum

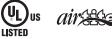
The Halo H4 LED is a family of 4" aperture recessed downlight H457 series of housings designed for exclusive use with Halo EL406, ELG406, ELSG406 series LED light engines and compatible 4" TL4 and TLS4 LED trims. Halo H4 LED housings have integral LED drivers that offer dimming as a standard feature. This is a Non-IC, Air-Tite™ housing for non-insulated Chicago Plenum rated installations, universal voltage 120V-277V input, and dimming with either 120V phase control dimmers, or 0-10V DC control systems. The H4 LED series offers high quality downlighting along with high efficacy — the result being great lighting and significant energy savings.













Special Features

Got Nail!™ bar hangers Pass-N-Thru™ bars Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Light Engines

EL406927	ELG406927	ELSG406927
EL406930	ELG406930	ELSG406930
EL406935	ELG406935	ELSG406935
EL406940	ELG406940	ELSG406940

Compatible Trims

TL402	TL409	TL411	
TL403	TL410	TL422	
TL408			

Features

Housing

- Single wall die-formed construction
- Constructed and gasketed to meet Chicago CCEA requirements
- Sealed flex connection from junction box to housing for Chicago Plenum rating
- Openings are gasketed for Air-Tite installation (in Non-IC ceilings)

Plaster Frame

- · Galvanized steel die-formed construction
- Housing can be removed from plaster frame for access to junction box
- · Housing adjusts for ceilings up to 1-1/4" thickness
- Plaster frame features include:
 - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
 - · Cutouts for easily crimping hanger bars in position
 - · Air-Tite aperture gasket is pre-installed
- · Halo identity embossed on plaster frame

Includes:

- Got Nail![™] bar hangers (Details Pg. 13)
- Pass-N-Thru[™] bars (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

LED Light Engine Connection

- LED connector is a non-screw base connector offering easy installation with the H4 LED 2nd generation EL406, ELG406, ELSG406 series LED light engines
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (See LED module specification)

LED Driver

- · LED dimmable driver mounts to the housing junction box
- Driver is a 120V-277V universal voltage, high efficiency, electronic power supply providing low voltage power to EL series LED light engines
- Driver meets FCC EMI/RFI consumer level limits for use in residential and commercial installations
- Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming - Phase Control

Designed for continuous dimming to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note, some dimmers require a neutral in the wallbox)

Dimming - 0-10V

 Dimmable to 10% with compatible 0-10V DC low voltage dimmers

- 0-10V DC dimmers operate using two low voltage dimming wires (color coded violet and gray).
 The low voltage dimming wires are separate from the 120V AC or 277V AC power.
- Switching on/off is controlled via the line voltage (120V AC or 277V AC) power, and dimming is controlled via the 2-wire 0-10V DC low voltage wiring

Compliance

- cULus Listed 1598 luminaire
- cULus Listed for damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Meets City of Chicago Plenum requirements
- For non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from all sides of housing
- Use with designated HALO LED systems for ENERGY STAR® certification
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- Can be used to comply with The State of California Title 24 non residential lighting controls as part of an LED luminaire

H457TCPE010 Energy Data

H4 Series LED (Values at non-dimming line voltage)

Minimum Starting Temp: -30°C (-22°F)

EMI/RFI: FCC Title 47 CFR, Part 18, (Consumer)

Sound Rating: Class A standards

Input Voltage: 120V-277V

Power Factor: >0.90

Input Frequency: 50/60Hz

THD: <25%

THD: <25% Input Power: 13W

Input Current: 121mA

Driver Compliance: UL8750, Class II rated

H4 LED Lighting System







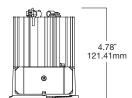
Halo Recessed Catalog - LED Recessed Downlighting

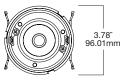


H4 LED Series Light Engine

EL4069xx



















EL4069xx

4" LED Light Engine

The Halo H4 LED is a family of 4" aperture recessed downlights with H457 series housings designed for use with Halo EL406 series LED light engines and compatible TL4 and TLS4 series LED trims. Halo H4 LED is a three part system: EL406 light engines, with TL4/TLS4 trims and H457 housings. H4 LED features 90 CRI color rendering index and offers a superior optical design that yields productive beam lumens, good cutoff and low glare.

Compatible Housings

457ICAT1E	H457TATE010
457RICAT1E	H457RTATE010
	H457TCPF010

Compatible Trims

TL402	TL409	TL411
TL403	TL410	TL422
TL408		

Features

Upper Heat Sink

- Durable extruded aluminum construction
- Conducts heat away from the LED keeping the junction temperatures below specified maximums, even when installed in insulated ceilings

Lower Heat Sink

- · Durable die-cast aluminum construction
- Precision keyed flange designed to lock with matching keyed slots in H4 trim rings
- Works in conjunction with the upper heat sink for heat conduction away from the LED

Friction Blades:

- Precision formed stainless steel spring blades provide retention of the EL406 series of light engines in the H457 series housings
- Friction blade design allows the light engine to be installed in any position within the housing aperture (360 degrees)

LED Connection

- LED connector is non-screw base offering easy installation with the H457 series housings
- LED connector is compliant with high efficacy luminaire code requirements as a non-screw base socket
- Separate grounding cable included on the module for attachment to the housing during installation

Color Specification & Quality Standards

- Halo employs a tight chromaticity specification and LED color binning process to ensure LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) consistency over the useful life of the LED
- Halo H4 LED chromaticity specification is 3 SDCM which exceeds ENERGY STAR® color standards (as per ANSI 78.377)
- Every Halo LED module is quality tested and performance measured on the production line, and serialized to register lumens, wattage, CRI and CCT
- Halo LED's serialized testing and measurement process further ensures color and lumen consistency to meet stringent EATON lighting specifications and exceed ENERGY STAR® and State of California standards

LED

- Correlated Color Temperature (CCT): 2700°K, 3000°K, 3500°K, 4000°K*
- Color Rendering Index (CRI): 90 (R9 > 50)
- LED package consisting of an engineered array of multiple LEDs to create one virtual source, for a productive "cone of light"
- Lumen maintenance L70 at 50,000 hours
- · 450-900 lumens, range dependent on CCT and trim*
- Designed for interchangeable trim choices, with selection from multiple reflector, baffle, and lens trim options

Compliance

- Use with designated HALO LED systems for ENERGY STAR® certification
- Can be used to comply with California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- International Energy Conservation Code IECC high efficacy requirements when used with designated LED trims
- LED emits no ultraviolet and only minimal infrared wavelengths
- RoHS compliant
- Wet location listed, protected ceiling with H4 lensed downlight trims
- Electrical/energy data refer to H457 housings (LED driver is integral to housing)

Selection of Light Engine

Model Number	Nominal	Nominal CCT		
EL406927	2700	-	2700K	
EL406930	3000	-	3000K	
EL406935	3500		3500K	
EL406940	4000	-	4100K	
*Trim type and color temperature determines the delivered lumen value. Refer to specification sheets and photometric files at www.eaton.com/lighting			5000K	

H4 LED Lighting System







H4 LED Series Trims

Use with EL4069xx Light Engines

TL402 Solite® Regressed Lens Reflector

- Precision formed aluminum reflector
- · Die cast trim ring
- Standard trim ring provides clearance for remodeler flange and gasket
- Solite® lens high-clarity low-iron glass for high-lumen transmission and diffusion of source brightness
- Wet location listed, covered ceilings
- Compatible with optional TL400 designer trim rings



TL402SCS Specular Clear Reflector,

White Trim



TL402SNS Satin Nickel Reflector, Satin Nickel Trim



TL402SBKS Specular Black Reflector, White Trim



TL402TBZS Tuscan Bronze Reflector, Tuscan Bronze Trim



TL402HS Haze Reflector, White Trim



TL402WHS

White Reflector, White Trim Dimensions**



A: 3-3/8" [86mm] H: 1-3/4" [43mm] OD: 5" [129mm]

TL403 Solite® Regressed Lens Baffle

- · Precision formed aluminum baffle
- . Die cast trim ring
- Standard trim ring provides clearance for remodeler flange and gasket
- Trim and gasket provides Air-Tite™ installation
- Solite® lens high-clarity low-iron glass for high-lumen transmission and diffusion of source brightness
- Wet location listed, covered ceilings
- Compatible with optional TL400 designer trim rings



TL403WBS White Baffle, White Trim



TL403BBS Black Baffle, White Trim



Dimensions** A: 3-3/8" [86mm] H: 1-3/4" [43mm] OD: 5" [129mm]

TL408 Solite® Square Glass Lens Baffle

- Precision formed aluminum baffle
- · Die cast trim ring
- Standard trim ring provides clearance for remodeler flange and gasket
- Trim and gasket provides Air-Tite™ installation
- Solite® lens high-clarity low-iron glass for high-lumen transmission and diffusion of source brightness
- Wet location listed, covered ceilings



TL408WHWB

White Baffle, White Trim



TL408WHBB Black Baffle, White Trim



TL408SNBB Black Baffle,



Satin Nickel Trim



TL408TBZBB Black Baffle, Tuscan Bronze Trim



Dimensions** A: 3-3/8" [86mm] H: 1-3/4" [43mm] OD: 5" [129mm]

TL409 Wall Wash Reflector with Diffuse Dome Lens

- Precision formed aluminum reflector
- Die cast trim ring
- Standard trim ring provides clearance for remodeler flange and gasket
- Polymer (plastic) diffusing dome lens
- Wet location listed, covered ceilings
- Trim and gasket provides Air-Tite[™] installation
- Compatible with optional TL400 designer trim rings
- · High-reflectance, specular wall wash kick reflector



TL409WW Semi-Specular Clear Reflector, White Trim Specular Kick Reflector



TL409WHWW White Reflector, White Trim Specular Kick Reflector



Dimensions** A: 3-3/8" [86mm] H: 1-3/4" [43mm] OD: 5" [129mm]

Solite® is a registered trademark of AGC Flat Glass North America

**Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

H4 LED Series Trims

Use with EL4069xx Light Engines

TL410 Deep Regressed Reflector with Diffuse Dome Lens



- Precision formed aluminum reflector
- Die cast trim ring
- Standard trim ring provides clearance for remodeler flange and gasket
- Trim and gasket provides Air-Tite™ installation
- · Polymer (plastic) diffusing dome lens
- · Wet location listed, covered ceilings
- · Compatible with optional TL400 designer trim rings



TI 410SC Specular Clear Reflector, White Trim



TI 410H Haze Reflector, White Trim



TI 410WH White Reflector, White Trim



TI 410SRK

Specular Black Reflector, White Trim



Dimensions** A: 3-3/8" [86mm] H: 1-3/4" [43mm]

OD: 5" [129mm]

TI 410SN Satin Nickel Reflector, Satin Nickel Trim



Tuscan Bronze Reflector, Tuscan Bronze Trim



TL411 Deep Regressed Baffle Trims with Diffuse Dome Lens



- · Die cast trim ring
- Standard trim ring provides clearance for remodeler flange and gasket
- Trim and gasket provides Air-Tite[™] installation
- · Polymer (plastic) diffusing dome lens
- · Wet location listed, covered ceilings
- · Compatible with optional TL400 designer trim rings



TL411WB White Baffle, White Trim

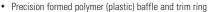


TL411BB Black Baffle, White Trim



Dimensions** A: 3-3/8" [86mm] H: 1-3/4" [43mm] OD: 5" [129mm]

TL422 "Dead-Front" Polymer Shower Baffle with Prismatic Lens



- Prismatic, clear flat polymer (plastic) lens
- Standard trim ring provides clearance for remodeler flange and gasket
- Shower trim front is non-electrically conductive "dead-front"
- Trim and gasket provides Air-Tite[™] installation
- · Wet location listed, covered ceilings



White Plastic Baffle, Trim Ring and Prismatic Plastic Lens



Dimensions** A: 3-3/8" [86mm] H: 1-3/4" [43mm] OD: 5" [129mm]

TL400 Designer Trim Rings

- · Optional accessory
- Replaces standard ring included with TL4 round trims
- · Die cast trim ring
- Thin tapered profile provides subtle ceiling appearance (0.120" at OD and 0.180" at ID)

Compatibility

TL402 TL411 TL409 TL403 TL410



TL400PC Polished Chrome Trim



TL400TBZ Tuscan Bronze Trim



TL400WH White Trim Ring



TL400SN Satin Nickel Trim Ring

Dimensions** ID: 3-3/8" [86mm] OD: 5-1/8" [130mm]

TL400SBK

Black Trim

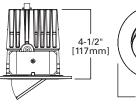
^{**}Key: A: Luminous Aperture, H: Height, ID: Trim Inside Diameter, OD: Trim Outside Diameter

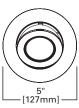
H4 LED Series Adjustable/Light Engine

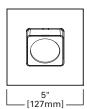
ELG4069xx & ELSG4069xx











ELG4069xx

ELSG4069xx

4" LED Gimbal, 2nd Generation

Halo H4 LED adjustable gimbals, ELG406 series, combine an adjustable gimbal trim and LED light engine for use with H457 series housings. The H4 LED adjustable gimbals feature 35° tilt and offer interchangeable optics with three beam distributions of 25°, 35°, and 50°. H4 LED offers 90 CRI color rendering index and four color temperatures 2700K, 3000K, 3500K, 4000K. Three high-quality trim finishes of white, satin nickel, and tuscan bronze are available. Halo LED offers high quality, fit, finish, and performance in an energy-efficient, high efficacy gimbal.

Compatible Housings

H457ICAT1E H457RICAT1E H457TATE010 H457RTATE010 H457TCPE010













Features

Upper Heat Sink

- · Durable aluminum construction
- Conducts heat away from the LED keeping the junction temperatures below specified maximums, even when installed in insulated ceiling housings

Gimbal

- · Precision designed fit and finish
- Die-cast aluminum with snap-in front loading ring allowing interchange of beam forming reflectors
- Gimbal front ring holds one lens media. Clear glass lens is included. Optional lens media such as L111 soft focus may be used in place of clear glass lens.
- 35° tilt adjustment with friction fit to heat sink
- Smooth travel from nadir to 35°
- Works with the upper heat sink for thermal conduction away from the LED

Friction Blades:

- Precision formed stainless steel spring blades provide retention of the EL406 series of light engines in the H457 series housings
- Friction blade design allows the light engine to be installed in any position within the housing aperture (360 degrees)

LED Connection

- LED connector is non-screw base offering easy installation with the H457 series housings
- LED connector is compliant with high efficacy luminaire code requirements as a non-screw base socket
- Separate grounding cable included on the module for attachment to the housing during installation

Optics

- Three beam distribution options with interchangeable round beam forming reflectors
- · Gimbal is supplied with 25° reflector pre-installed
- Reflector options: 25°, 35°, 50° beam angle order (TI 412RK kit)
- Clear glass cover lens included with gimbal. One optional accessory lens may be used in place of clear lens.
- Reflector and lens are accessible behind the gimbal's snap-in front ring

Optical Accessory Reflector Kit -TL412RK

- Includes all three reflector options
- 25° beam angle reflector (one included with gimbal)
- 35° beam angle reflector
- 50° beam angle reflector

Color Specification & Quality Standards

- LED is a chip on board design consisting of a multiple LED package with proximity phosphor coating to create one virtual white light source for a productive "cone of light"
- Halo employs a tight chromaticity specification and LED color binning process to ensure LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) consistency over the useful life of the LFD
- Halo H4 LED chromaticity specification is 3 SDCM which exceeds ENERGY STAR® color standards (as per ANSI 78.377)
- Every Halo LED module is quality tested and performance measured on the production line, and then serialized to register lumens, wattage, CRI and CCT

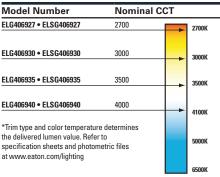
LED

- Correlated Color Temperature (CCT): 2700°K, 3000°K, 3500°K, 4000°K*
- Color Rendering Index (CRI): 90 (R9 > 50)
- · LED emits no ultraviolet and minimal infrared wavelengths
- 700-930 nominal lumens, dependent on CCT and trim*
- Lumen maintenance L70 at 50,000 hours

Compliance

- Use with designated HALO LED systems for ENERGY STAR® certification
- Can be used to comply with California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- International Energy Conservation Code (IECC) high efficacy requirements when used with designated LED trims
- RoHS compliant
- · Damp location listed with H457 LED housings
- Electrical/Energy Data refer to H457 LED housings (LED driver is integral to housing)

Selection of Gimbal Light Engine



H4 LED Lighting System



OR





AllSlope LED IC Housing

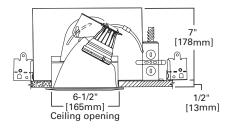
HL612ICAT

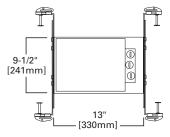


HL612ICAT - HLM69xx

6" IC, Air-Tite, New Construction, **LED Housing, 120V - 277V**

Recessed 6" sloped ceiling LED ICAT housing for insulated ceilings* from 2/12 to 12/12 pitch. The socket aiming mechanism tilts the lamp straight down regardless of ceiling pitch. Rotational collar allows trim alignment of up to 20 degree rotation. The HL612 system consists of 1) housing with integral LED driver. 2) high efficacy LED light engine with a selection of beam-forming lenses, and 3) slope trim. Housing is suitable for residential or commercial installations in insulated ceilings* and features Air-Tite code compliant construction.













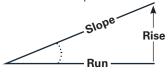




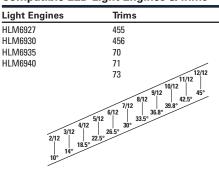
Special Features

Got Nail!™ bar hangers Pass-N-Thru[™] bars Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Roof Pitch = Rise/Run



Compatible LED Light Engines & Trims



Features

- Single wall square aluminum housing construction
- Sealed and gasketed for Air-Tite ASTM E283 compliance
- Shipped with overspray protector installed
- Mechanism can be removed from the plaster frame to provide access to the junction box

Plaster Frame

- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness.
- Regressed locking screw for securing hanger bars
- Cutouts included for easily crimping hanger bars in position
- Bar hangers can be repositioned at 90°

Aiming Mechanism

- Exclusive socket aiming mechanism tilts and rotates to properly align the LED light engine
- LED light engine may be tilted and locked to accommodate 2/12 to 12/12 pitch
- LED light engine and trim may be rotated laterally up to 20 degrees for compound slope ceilings or to compensate off-axis aiming

Includes:

- Got Nail!™ bar hangers (Details Pg. 13)
- Pass-N-Thru[™] bars (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

LED Light Engines (Order Separately)

- Turn-to-lock base provides secure retention of the LED light engine to the aiming mechanism, and provides a low-voltage electrical quick-connector
- Proximity phosphors over chip on board LEDs provide a uniform source with high efficiency and no pixilation
- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, 4000K
- Color Rendering Index (CRI): 90 (R9 > 50)
- 745 1750 Nominal lumens, range dependent on CCT and trim**
- · Lumen maintenance: L70 at 50,000 hours

Beam Forming Lenses (Interchangeable)

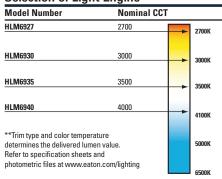
- HLM6 LED light engines are designed to accept HL6 series lens optics
- The 40-degree Flood (FL) lens is included with the LED light engine, and may be ordered separately as a replacement
- Alternate beam options are offered in 25° Narrow Flood (NFL) and 55° Wide Flood (WFL), ordered separately
- The interchangeable lenses feature beam distributions with refined visual shielding to control beam angle and lumen delivery in accommodating various ceiling heights

Compliance

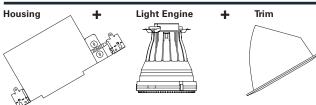
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims

- · cULus Listed for feed through
- · cULus Listed for direct contact with insulation* and combustible material
- · Energy Code compliant
 - ENERGY STAR® certified luminaire
 - Can be used for California Title 24 Compliance, Title 20 Certified for residential compliance
 - Can be used for International Energy Conservation Code (IECC) compliance
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits suitable for use in commercial and residential installations
- Air-Tite code compliant, Certified under ASTM E283: not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- Junction box features a separate compartment for 0-10V DC low voltage dimming connections, to comply with NEC
- · RoHs compliant
- * Not to be used in direct contact with spray foam insulation (Refer to NEMA LSD57-2013)

Selection of Light Engine**



HL612ICAT - HLM69 LED System



Halo Recessed Catalog - LED Recessed Downlighting

AllSlope LED Non-IC Housing

HL618TAT



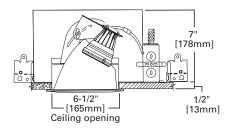
HL618TAT - HLM69xx

6" Non-IC, Air-Tite, New Construction, **LED Housing, 120V - 277V**

HL618TCP - HLM69xx

6" Non-IC, Air-Tite, New Construction, LED Housing, Chicago Plenum, 120V - 277V

Recessed 6" sloped ceiling LED Non-IC housing for non-insulated ceilings* from 2/12 to 12/12 pitch. The socket aiming mechanism tilts the lamp straight down regardless of ceiling pitch. Rotational collar allows trim alignment of up to 20 degree rotation. The HL618 system consists of 1) housing with integral LED driver, 2) high efficacy LED light engine with a section of beam-forming lenses, and 3) slope trim. Housing is suitable for residential or commercial installations in non-insulated ceilings* and features Air-Tite code compliant construction.













9-1/2 [241mm]



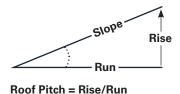
13"

[330mm]



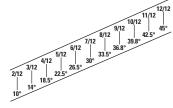
Special Features

Got Nail!™ bar hangers Pass-N-Thru[™] bars Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant



Compatible LED Light Engines & Trims

Light Engines	Trims	
HLM6927	455	
HLM6930	456	
HLM6935	70	
HLM6940	71	
	73	
		_



Features

Housing

- Single wall square aluminum housing construction
- Sealed and gasketed for Air-Tite ASTM E283 compliance
- Shipped with overspray protector installed
- Mechanism can be removed from the plaster frame to provide access to the junction box
- Chicago Plenum model is constructed and gasketed in accordance with City of Chicago CCEA requirements

Plaster Frame

- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness.
- · Regressed locking screw for securing hanger bars
- Cutouts included for easily crimping hanger bars in position
- · Bar hangers can be repositioned at 90°

Aiming Mechanism

- Exclusive socket aiming mechanism tilts and rotates to properly align the LED light engine
- · LED light engine may be tilted and locked to accommodate 2/12 to 12/12 pitch
- LED light engine and trim may be rotated laterally up to 20 degrees for compound slope ceilings or to compensate off-axis aiming

Includes:

- Got Nail!™ bar hangers (Details Pg. 13)
- Pass-N-Thru[™] bars (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)

- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

LED Light Engines (Order Separately)

- Turn-to-lock base provides secure retention of the LED light engine to the aiming mechanism, and provides a low-voltage electrical quick-connector
- Proximity phosphors over chip on board LEDs provide a uniform source with high efficiency and no pixilation
- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, 4000K
- Color Rendering Index (CRI): 90 (R9 > 50)
- 970 2285 nominal lumens, range dependent on CCT and trim**
- Lumen maintenance: L70 at 50,000 hours

Beam Forming Lenses (Interchangeable)

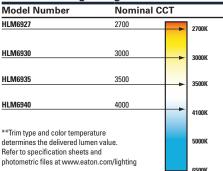
- HLM6 LED light engines are designed to accept HL6 series lens optics
- The 40-degree Flood (FL) lens is included with the LED light engine, and may be ordered separately as a replacement
- Alternate beam options are offered in 25° Narrow Flood (NFL) and 55° Wide Flood (WFL), ordered separately
- The interchangeable lenses feature beam distributions with refined visual shielding to control beam angle and lumen delivery in accommodating various ceiling heights

Compliance

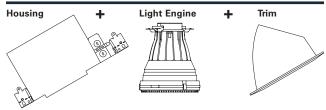
- cULus Listed 1598 luminaire
- cULus Listed damp location

- · cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- · Energy Code compliant
- ENERGY STAR® certified luminaire
- Can be used to comply with California Title 24 non-residential lighting controls requirements as a LED luminaire
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits suitable for use in commercial and residential installations
- Chicago Plenum model (HL618TCP) is specially constructed and marked for Chicago Plenum applications (CCEA)
- · Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- Junction box features a separate compartment for 0-10V DC low voltage dimming connections, to comply with NEC
- RoHs compliant
- * If insulation is present it must be kept 3" from all sides and top of housing. Not to be used in direct contact with spray foam insulation (Refer to NEMA LSD57-2013)

Selection of Light Engine**



HL618TAT (TCP) - HLM69 LED System



AllSlope LED System

HL6 Series Ordering Information

1. Housing

HL612ICAT = 6" Slope ceiling, insulated ceiling rated, Air-Tite, recessed housing, UNV 120V-277V HL618TAT = 6" Slope ceiling, non-insulated ceiling rated, Air-Tite, recessed housing, UNV 120V-277V

HL618TCP = 6" Slope ceiling recessed housing, non-insulated ceiling rated, CCEA marked for Chicago Plenum, UNV 120V-277V

2. LED Light Engines

HLM6927 = 90 CRI, 2700K 40° Flood lens **HLM6930** = 90 CRI, 3000K 40° Flood lens

HLM6935 = 90 CRI, 3500K 40° Flood lens **HLM6940** = 90 CRI, 4000K 40° Flood lens

2. Lens Optics Beam Forming (Order Separately)

HL6NFL = 25° Narrow flood

HL6FL = 40° Flood (1 included with LED light engine)
HL6WFL = 55° Wide flood

HL6LHRPK = Replacement lens holder ring

3. LED Trims

Reflector - OD: 7-1/4" [184mm]

455SC = Specular clear reflector, white metal trim ring
455H = Semi-specular haze reflector, white metal trim ring
455SN = Satin nickel reflector, satin nickel metal trim ring
455TBZ = Tuscan bronze reflector, tuscan bronze metal trim ring

Baffles - OD: 7-1/4" [184mm]

456W = White Coilex baffle, white metal trim ring 456P = Black Coilex baffle, white metal trim ring

Lenses and Diffusers "Dead-Front" - OD: 8" [203mm]

70P = Albalite glass lens, white polymer trim ring

70PS = Albalite glass lens, white polymer trim ring, wet location - Showerlight

70SNS = Albalite glass lens, satin nickel polymer trim ring, wet location - Showerlight

71P = Drop opal glass lens, white polymer trim ring

71PS = Drop opal glass lens, white polymer trim ring, wet location - Showerlight

73P = Fresnel glass lens, white polymer trim ring

73PS = Fresnel glass lens, white polymer trim ring, wet location - Showerlight

Accessories (Order Separately)

Oversize Trim Rings

OT400P = Oversize flat white metal trim ring 6" ID x 9-1/4" OD (ring slips behind trim, in stepped configuration)

 $\mathbf{0T403P} = \mathbf{0}$ versize white plastic trim ring 6" ID x 8" OD (ring slips behind trim, in stepped configuration)

TRM690WH = Oversize matte white metal trim ring. Designed to inset into oversize ring for an even (non-stepped) trim surface.

OT400P Flat White Metal Trim

0T403P White Plastic Trim

TRM690WH Matte White Metal Trim

Designer Trim Rings

OD 7-1/4" 184mm; 6" Designer trim rings, for 455 and 456 trims

TRM6C = Chrome metal TRM6SN = Satin nickel metal TRM6MB = Black metal TRM6FB = Tuscan bronze metal TRM6P = White metal TRM7MB = Black polymer



HL6 Energy Data

HL612ICAT (1200 Series)	
Min. operating temperature	-30C/-22F	
Input Voltage	120V	277V
Input Current (A)	0.16	0.07
Input Power (W)	19.1	20.0
Input Frequency	50/60Hz	
FCC 47CFR Part 15 EMI/RFI	Consumer Limit (Residential & 0	-
THD	≤ 20%	
Power Factor	≥ 0.9	
Sound Rating	Class A	

HLOISIAI & HLOISIUP (1000 Series)		
Min. operating temperature	-30C/-22F		
Input Voltage	120V	277V	
Input Current (A)	0.23	0.10	
Input Power (W)	27.6	27.0	
Input Frequency	50/60Hz		
FCC 47CFR Part 15 EMI/RFI	Consumer Limit (Residential & C	-	
THD	≤ 20%		
Power Factor	≥ 0.9		

Class A

For proper slope aiming install with junction box in upward position



Sound Rating

LED Driver

- Integral to the housing, 120V-277V 50/60 Hz universal voltage, constant current dimmable driver provides high efficiency operation
- Driver meets FCC 47CFR Part 15 EMI/RFI consumer limits for use in residential and commercial installations
- Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure
- Driver is specifically designed for compatibility with HLM6 LED light engines
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming

Phase Control

- Designed for continuous dimming capability to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers.
 (Dimmers with low end trim adjustment offer greater assurance of achieving 5% level)
- Consult dimmer manufacturer for compatibility and conditions of use. (Note, some dimmers require a neutral in the wallbox)

0-10V

- Dimmable to 10% in typical operation with compatible 0-10V DC low voltage dimmers
- 0-10V DC dimmers operate using two low voltage dimming wires (color coded violet and gray).
 The low voltage dimming wires are separate from the 120V AC or 277V AC power.
- Switching on/off is controlled via the line voltage (120V AC or 2 V AC) power, and dimming is controlled via the 2-wire 0-10V DC low voltage wiring

Color Specification & Quality Standards

- A tight chromaticity specification ensures LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) over the useful life of the LED
- High color performance with 90 CRI minimum, and R9 greater than 50
- LED color uniformity of 3 SDCM exceeds ENERGY STAR® color standards per ANSI C78.377-2008
- Halo LED serialized testing and measurement ensures color and lumen consistency on a per-unit basis, and validates long-term product consistency over time
- Lumen maintenance L70 at 50,000 hours



LED Direct Mount

Halo offers a series of Direct Mount (DM) products which can be installed directly into the ceiling with no additional junction box or housing required. This version of Halo downlights provides a quick installation and flush finish with the ceiling.

Direct Mounts with a remote driver / junction box

The MicroEdge HLB, MicroEdge HLA and RL-DM LED modules work with a remote driver / junction box that is ideal for new construction and renovation work. Simplified installation in drywall or suspended ceilings eliminates recessed cans saving time and money. HLB3S HLB4R HLB4S HLB3R HLB6R HLB6S HLA4R HLA4S The HLB can install from below the ceiling in as 1/2" little as a 1-1/2" plenum height.

Easy Installation*

*Images show installation of the round HLB6. Templates are provided with the product to help with cutting the hole.



 Cut a hole in drywall using a hole saw or with the provided template.

Halo Recessed Catalog - LED Surface & Direct Mount



RL6-DM

2. Wire to the remote junction box.



3. Fold both of the spring clips upward.



4. Push the fixture up into place.

RL4-DM



Direct Mounts with an on board driver / junction box

The SMD-DM modules work with an integral driver and juntion box pre-installed on the back of the fixture. It is ideal for new construction and renovation work. Simplified installation in drywall or suspended ceilings eliminates recessed cans saving time and money.







SMD4S-DM



SMD6R-DM



SMD6S-DM

Easy Installation*

*Images show installation of the square SMD-DM. Follow the same steps for the round products.



1. Cut a hole in drywall with the provided template.



2. Wire to the integrated fixture junction box.



3. Fold both of the spring clips upward.



Push the fixture up into place.



3" Ultra-thin LED Lens Round or Square Downlight

The HLB3 is a 3-inch ultra-thin round or square LED lens downlight with remote driver / junction box suitable for new construction and remodel applications. Simplified installation in drywall or suspended ceilings eliminates recessed cans saving time and money. Installs from below the ceiling in as little as 3-1/2" plenum height, can be used in direct contact with insulation and is airtight. Use for general area lighting in low to medium height ceilings where energy savings, long life and economy are required.















Features

Housing

- Die cast aluminum mounting frame with integral flange provides passive thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications
- High impact diffuse lens provides shielding to the light guide minimizing pixilation

Gasket

- Closed cell gasket achieves restrictive airflow and wet location listing without additional gaskets or caulking
- · Optional Mounting Frame
- Pre-galvanized steel mounting frame locates fixture fittings during electrical rough in and provides cutout guidance for drywall contractor
- Provides tool-less attachment of remote driver / junction box

Optics

 Precision acrylic light guide organizes source flux into wide distribution with 1.4 spacing criteria, useful for general area illumination

I FD Array

- Plurality of mid power LED's provides a uniform source with high efficiency and long life
- Available in 90 CRI minimum, R9 greater than 50 provides high color rendering
- Fixed 2700, 3000, 3500 and 4000 K CCT color temperatures, color accuracy within 3 SDCM
- Meets Energy Star color angular uniformity requirements, deviation is less than 0.004 u' v'

Remote Driver / Junction Box

- Pre-galvanized steel driver / junction box with captive hinged junction box cover
- Listed for (6) #12 AWG 90° C splice conductors, 2-in, 2-out plus (2) ground
- (2) ½" conduit pry-outs
- (2) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections
- Integral mounting slots facilitate direct mounting to building structure or mounting frame

Driver

- 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers
- Plenum rated inline electrical quick connect provides low voltage connection to fixture fitting

Installation

Halo Recessed Catalog - LED Surface & Direct Mount

- Can be installed in 1/2" to 1-1/4" thick ceilings
- · Cutout template provided
- Heat treated springs hold fixture fitting securely in the ceiling eliminating light leaks
- Can be removed from below the ceiling for service or replacement

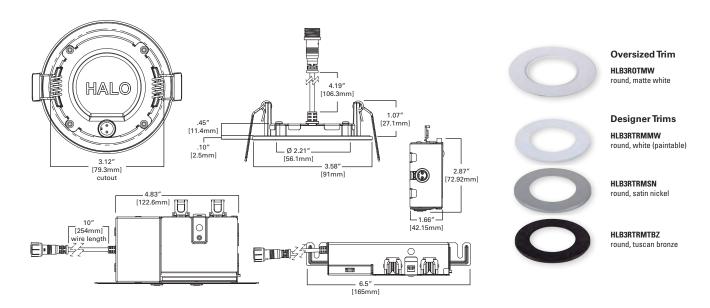
Compliance

- cULus certified type IC suitable for direct contact with air permeable insulation
- Not recommended for use in direct contact with spray foam insulation, reference NEMA LSD57-2013
- Wet location listed and IP44 ingress protection
- Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- ENERGY STAR certified, reference "Certified Light Fixtures" database



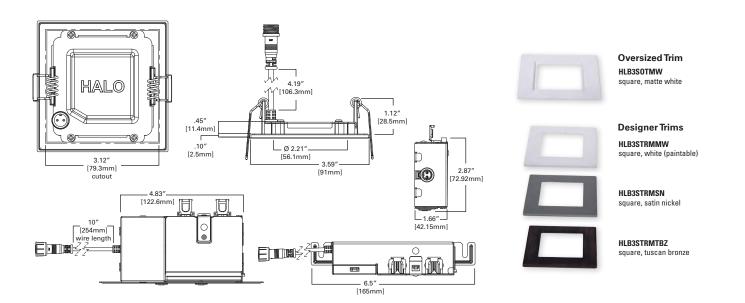
HLB3 Energy Data

	HLB3	HLB3S
Lumens	500 Series	500 Series
Input Voltage	120V	120V
Input Current	100 (mA)	100 (mA)
Input Power	9.0 (W)	9.0 (W)
Efficiency	60 (LPW)	60 (LPW)
Inrush (A)	2.2 A @ 42mS	2.2 A @ 42mS
THD	≤ 20%	≤ 20%
PF	≥ 0.90	≥ 0.90
T Ambient	-30° - +40°C	-30° - +40°C
Sound Rating	≤ 22 dba	≤ 22 dba



HLB3 Series Ordering Information

Models	Lumens	CRI / CCT (CRI)	Driver	Finish	Packaging	Accessories
HLB3 = 3-Inch LED lens downlight with remote driver / junction box	05 =500 lumens (nominal)	927 =90 CRI minimum, 2700K CCT 930 =90 CRI minimum, 3000K CCT 935 =90 CRI minimum, 3500K CCT 940 =90 CRI minimum, 4000K CCT	1E = 120V 60Hz, LE & TE phase cut 5% dimming	MW= matte white flange	R= recyclable 4-color unit carton suitable for point of purchase merchandizing display	HL3RSMF = 3" round and square mounting frame HLB3ROTMW = 3" round oversized trim, matte white HLB3RTRMMW = 3" round decorative overlay, matte white HLB3RTRMSD = 3" round decorative overlay, satin nickel HLB3RTRMTBZ = 3" round decorative overlay, tuscan bronze



HLB3S Series Ordering Information

Models	Lumens	CRI / CCT (CRI)	Driver	Finish	Packaging	Accessories
HLB3S = 3-Inch LED square lens downlight with remote driver / junction box	05 =500 lumens (nominal)	927 =90 CRI minimum, 2700K CCT 930 =90 CRI minimum, 3000K CCT 935 =90 CRI minimum, 3500K CCT 940 =90 CRI minimum, 4000K CCT	1E = 120V 60Hz, LE & TE phase cut 5% dimming	MW= matte white flange	R= recyclable 4-color unit carton suitable for point of purchase merchandizing display	HL3RSMF = 3" round and square mounting frame HLB3SOTMW = 3" square oversized trim, matte white HLB3STRMMW = 3" square decorative overlay, matte white HLB3STRMSN = 3" square decorative overlay, satin nickel HLB3STRMSD = 3" square decorative overlay, tuscan bronze





HLB4

4" Ultra-thin LED Lens Round or Square Downlight

The HLB4 is a 4-inch ultra-thin round or square LED lens downlight with remote driver / junction box suitable for new construction and remodel applications. Field selectable color temperature and high color rendering provide excellent color performance. Simplified installation in drywall or suspended ceilings eliminates recessed cans saving time and money. Installs from below the ceiling in as little as 1-1/2" plenum height, can be used in direct contact with insulation and is airtight. Use for general area lighting in low to medium height ceilings where energy savings, long life and economy are required.

















Features

Housing

- Die cast aluminum mounting frame with integral flange provides passive thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications
- · High impact diffuse lens provides shielding to the light guide minimizing pixilation.

Closed cell gasket achieves restrictive airflow and wet location listing without additional gaskets or caulking.

Optics

Precision acrylic light guide organizes source flux into wide distribution with 1.4 spacing criteria, useful for general area illumination

LED Array

- Plurality of mid power LED's provides a uniform source with high efficiency and long life
- Available in 90 CRI minimum, R9 greater than 50 provides high color rendering
- Fixed 3000 and 4000 K CCT color temperatures, color accuracy within 3 SDCM
- Optional field selectable color temperature, select 2700, 3000, 3500, 4000 or 5000 K CCT, color accuracy within 4 SDCM
- Meets ENERGY STAR® color angular uniformity requirements, deviation is less than 0.006 u' v'

Remote Driver/Junction Box

- Pre-galvanized steel driver / junction box with captive hinged junction box cover
- Listed for (6) #12 AWG 90° C splice conductors, 2-in, 2-out plus (2) ground
- (2) 1/2" conduit pry-outs
- (2) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections
- Integral mounting holes facilitate direct mounting to building structure or mounting frame

Halo Recessed Catalog - LED Surface & Direct Mount

Driver

- 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers
- Plenum rated inline electrical guick connect provides low voltage connection to fixture fitting

Installation

- Can be installed in 1/2" to 1-1/4" thick ceilings
- Cutout utilizes standard round hole saw sizes, cutout template provided
- Heat treated springs hold fixture fitting securely in the ceiling eliminating light leaks
- Housing is less than 1/2" thick and can span a 2" nominal framing member
- Can be removed from below the ceiling for service or replacement

Optical Mounting Frame

- Pre-galvanized steel mounting frame locates fixture fittings during electrical rough in and provides cutout guidance for drywall contractor
- Provides attachment of remote driver / junction box

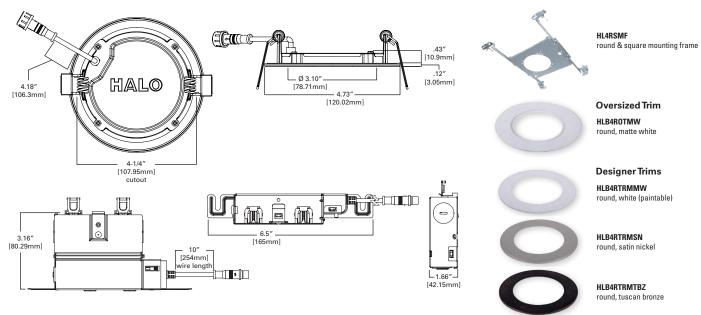
Compliance

- cULus certified type IC suitable for direct contact with air permeable insulation
- Not recommended for use in direct contact with spray foam insulation, reference NEMA LSD57-2013
- Wet location listed and IP44 ingress protection
- Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- ENERGY STAR® certified, reference "Certified Light Fixtures" database



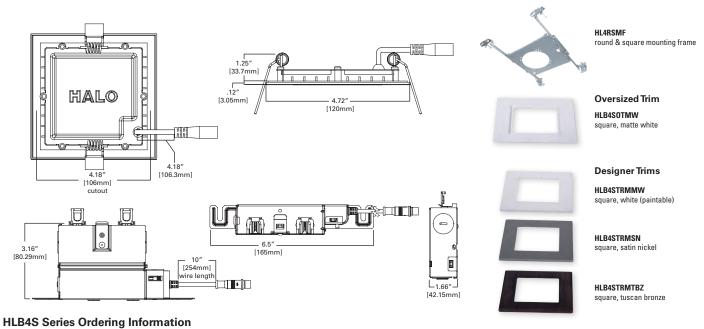
HLB4 Energy Data

	HLB4	HLB4S	
Lumens	600	600	
Input Voltage	120V	120V	
Input Current	100 (mA)	90 (mA)	
Input Power	12.0 (W)	10.5 (W)	
Efficiency	60 (LPW)	60 (LPW)	
Inrush (A)	2.2 A @42mS	2.2 A @54mS	
THD	≤ 20%	≤ 20%	
PF	≥ 0.90	≥ 0.90	
T Ambient	-30 - +40°C	-30 - +40°C	
Sound Rating	≤ 22 dba	≤ 22 dba	



HLB4 Series Ordering Information

Models	Lumens	CRI / CCT (CRI)	Driver	Finish	Packaging	Accessories
HLB4 = 4-Inch ultra-thin LED	06 = 600 lumen	930 = 90 CRI minimum, 3000 K CCT	1E = 120V 60Hz,	MW = matte	R = recyclable 4-color	HL4RSMF = 4" round and square mounting frame
lens downlight with remote	(nominal)	940 = 90 CRI minimum, 4000 K CCT	LE & TE phase	white flange	unit carton suitable	HLB4R0TMW = 4" round oversized trim, matte white
driver / junction box		9FS = 90 CRI minimum, field selectable	cut 5% dimming		for point of purchase	HLB4RTRMMW = 4" round decorative overlay, matte white
		2700, 3000, 3500, 4000 or 5000 K CCT			merchandizing display	HLB4RTRMSN = 4" round decorative overlay, satin nickel
						HLB4RTRMTBZ = 4" round decorative overlay, tuscan bronze



Models	Lumens	CRI / CCT (CRI)	Driver	Finish	Packaging	Accessories
HLB4S = 4-Inch ultra-thin LED			1E = 120V 60Hz,	MW = matte	R = recyclable 4-color	HL4RSMF = 4" round and square mounting frame
square lens downlight with	(nominal)	940 = 90 CRI minimum, 4000 K CCT	LE & TE phase	white flange	unit carton suitable	HLB4S0TMW = 4" square oversized trim, matte white
remote driver / junction box		9FS = 90 CRI minimum, field selectable	cut 5% dimming		for point of purchase	HLB4STRMMW = 4" square decorative overlay, matte white
		2700, 3000, 3500, 4000 or 5000 K CCT			merchandizing display	HLB4STRMSN = 4" square decorative overlay, satin nickel
						HLB4STRMTBZ = 4" square decorative overlay, tuscan bronze





HLB6

6" Ultra-thin LED Lens Round or Square Downlight

The HLB6 is a 6-inch ultra-thin round or square LED lens downlight with remote driver / junction box suitable for new construction and remodel applications. Field selectable color temperature and high color rendering provide excellent color performance. Simplified installation in drywall or suspended ceilings eliminates recessed cans saving time and money. Installs from below the ceiling in as little as 1-1/2" plenum height, can be used in direct contact with insulation and is airtight. Use for general area lighting in low to medium height ceilings where energy savings, long life and economy are required.

















Features

Housing

- Die cast aluminum mounting frame with integral flange provides passive thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications
- · High impact diffuse lens provides shielding to the light guide minimizing pixilation

Closed cell gasket achieves restrictive airflow and wet location listing without additional gaskets or caulking

Optics

Precision acrylic light guide organizes source flux into wide distribution with 1.4 spacing criteria, useful for general area illumination

LED Array

- Plurality of mid power LED's provides a uniform source with high efficiency and long life
- Available in 90 CRI minimum, R9 greater than 50 provides high color rendering
- Fixed 3000 and 4000 K CCT color temperatures, color accuracy within 3 SDCM
- Optional field selectable color temperature, select 2700, 3000, 3500, 4000 or 5000 K CCT, color accuracy within 4 SDCM
- Meets ENERGY STAR® color angular uniformity requirements, deviation is less than 0.006 u' v'

Remote Driver/Junction Box

- Die formed metal driver / junction box with captive hinged junction box cover
- Listed for (6) #12 AWG 90° C splice conductors, 2-in, 2-out plus (2) ground
- (2) 1/2" conduit pry-outs
- (2) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections
- Integral mounting holes facilitate direct mounting to building structure or mounting frame

Driver

- 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers
- Plenum rated inline electrical guick connect provides low voltage connection to fixture fitting

Installation

- Can be installed in 1/2" to 1-1/4" thick ceilings
- Cutout utilizes standard round hole saw sizes, cutout template provided
- Heat treated springs hold fixture fitting securely in the ceiling eliminating light leaks
- Housing is less than 1/2" thick and can span a 2" nominal framing member
- Can be removed from below the ceiling for service or replacement

Optional Mounting Frame

- Pre-galvanized steel mounting frame locates fixture fittings during electrical rough in and provides cutout guidance for drywall contractor
- Provides attachment of remote driver / junction box

Compliance

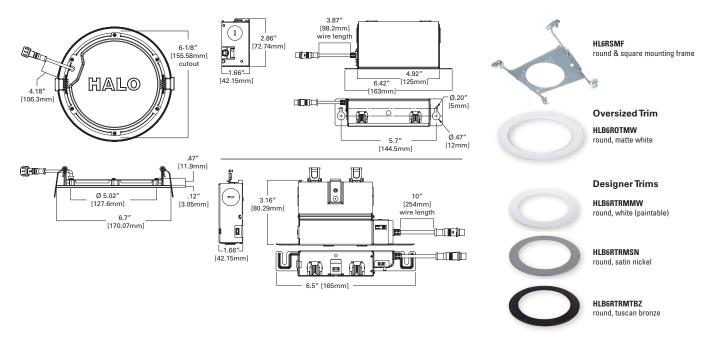
- cULus certified type IC suitable for direct contact with air permeable insulation
- Not recommended for use in direct contact with spray foam insulation, reference NEMA LSD57-2013
- Wet location listed and IP44 ingress protection
- Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- ENERGY STAR® certified, reference "Certified Light Fixtures" database



HLB6 Energy Data

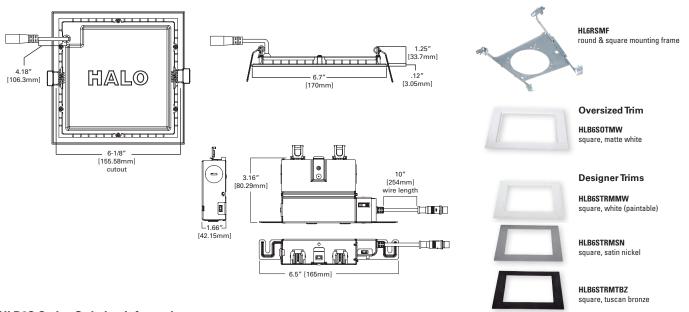
	HLB6	HLB6S	
Lumens	900	900	
Input Voltage	120V	120V	
Input Current	132 (mA)	120 (mA)	
Input Power	16.0 (W)	14.0 (W)	
Efficiency	66 (LPW)	66 (LPW)	
Inrush (A)	2.1 A @14mS	2.2 A @45mS	
THD	≤ 20%	≤ 20%	
PF	≥ 0.90	≥ 0.90	
T Ambient	-30 - +40°C	-30 - +40°C	
Sound Rating	≤ 22 dba	≤ 22 dba	

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HLB6 Series Ordering Information

Models	Lumens	CRI / CCT (CRI)	Driver	Finish	Packaging	Accessories
HLB6 = 6-Inch ultra-thin LED lens downlight with remote driver / junction box	09 = 900 lumen (nominal)	930 = 90 CRI minimum, 3000 K CCT 940 = 90 CRI minimum, 4000 K CCT 9FS = 90 CRI minimum, field selectable 2700, 3000, 3500, 4000 or 5000 K CCT	1E = 120V 60Hz, LE & TE phase cut 5% dimming	MW = matte white flange	unit carton suitable for point of purchase	HLB6ROTMW = 6" round oversized trim, matte white HLB6RTRMMW = 6" round decorative overlay, matte white



HLB6S Series Ordering Information

HLB6S = 6-Inch ultra-thin LED square lens downlight with remote driver / junction box 930 = 90 CRI minimum, 3000 K CCT 1E = 120V 60Hz, LE & TE phase cut 5% dimming 940 = 90 CRI minimum, 4000 K CCT LE & TE phase cut 5% dimming Wite flange Wite	Models	Lumens	CRI / CCT (CRI)	Driver	Finish	Packaging	Accessories
			940 = 90 CRI minimum, 4000 K CCT 9FS = 90 CRI minimum, field selectable	LE & TE phase		unit carton suitable for point of purchase	HLB6SOTMW = 6" square oversized trim, matte white HLB6STRMMW = 6" square decorative overlay, matte white HLB6STRMSN = 6" square decorative overlay, satin nickel





HLA4

4" Ultra-thin LED Lens Round or Square Directional Downlight

The HLA4 is a 4-inch ultra-thin round or square LED directional with remote driver / junction box suitable for new construction and remodel applications. Field selectable color temperature and high color rendering provide excellent color performance. Simplified installation in drywall or suspended ceilings eliminates recessed cans saving time and money. Installs from below the ceiling in as little as 1-1/2" plenum height, can be used in direct contact with insulation and is airtight. Use for accent or task lighting in low to medium height ceilings where energy savings, long life and economy are required.

















Features

Housing

- Die cast aluminum mounting frame with round or square flange
- Gimbal rotates 360° and tilts ± 35° holding any
- Aluminum heat sink provides passive thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications

Gasket

Closed cell gasket achieves restrictive airflow and wet location listing without additional gaskets or caulking

- Pre-galvanized steel mounting frame locates fixture fittings during electrical rough in and provides cutout guidance for drywall contractor
- Provides tool-less attachment of remote driver / junction box

LED Array

- Plurality of mid power LED's provides a uniform source with high efficiency and long life
- Available in 90 CRI minimum, R9 greater than 50 provides high color rendering
- Field selectable color temperature, select 2700, 3000, 3500, 4000 or 5000 K CCT, color accuracy within 4 SDCM
- Meets ENERGY STAR® color angular uniformity requirements, deviation is less than 0.006 u' v

Remote Driver/Junction Box

- Pre-galvanized steel driver / junction box with captive hinged junction box cover
- Listed for (6) #12 AWG 90° C splice conductors, 2-in, 2-out plus (2) ground
- (2) 1/2" conduit pry-outs
- (2) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections
- Integral mounting slots facilitate direct mounting to building structure or mounting frame

Driver

- 120V 60 Hz constant current driver provides noise
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers
- Plenum rated inline electrical quick connect provides low voltage connection to fixture fitting

Installation

Halo Recessed Catalog - LED Surface & Direct Mount

- Can be installed in 1/2" to 1-1/4" thick ceilings
- Cutout utilizes standard round hole saw sizes, cutout template provided
- Heat treated springs hold fixture fitting securely in the ceiling eliminating light leaks
- Can be removed from below the ceiling for service or replacement

Compliance

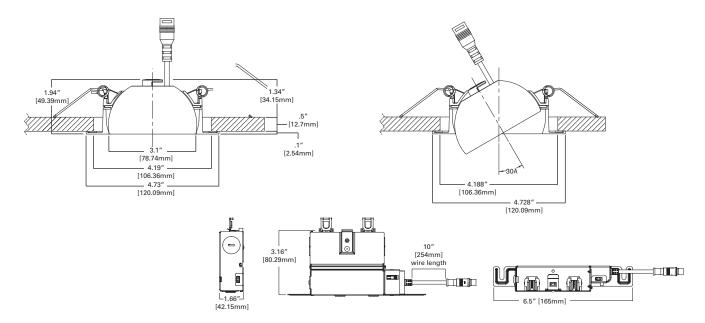
- cULus certified type IC suitable for direct contact with air permeable insulation
- Not recommended for use in direct contact with spray foam insulation, reference NEMA LSD57-2013
- Wet location listed and IP44 ingress protection
- Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- ENERGY STAR® certified, reference "Certified Light Fixtures" database



HLA4 Energy Data

	90 CRI
Lumens	600
Input Voltage	120V
Input Current	90 (mA)
Input Power	10.5 (W)
Efficiency	60 (LPW)
Inrush (A)	1.9 A @54mS
THD	≤ 20%
PF	≥ 0.90
T Ambient	-30 - +40°C
Sound Rating	≤ 22 dba

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HLA4 Series Ordering Information

Models	Lumens	Distribution	CRI / CCT (CRI)	Driver	Finish	Packaging
HLA4 = 4-Inch LED round directional with remote driver / junction box	06 = 600 lumen (nominal)	VWFL = 80° very wide flood distribution	930 = 90 CRI minimum, 3000 K CCT 940 = 90 CRI minimum, 4000 K CCT 9FS = 90 CRI minimum, field selectable 2700, 3000, 3500, 4000 or 5000 K CCT	1E = 120V 60Hz, LE & TE phase cut 5% dimming	MW = matte white flange	R = recyclable 4-color unit carton suitable for point of purchase merchandizing display

Accessories

HL4RSMF = 4" round and square mounting frame HLB4ROTMW = 4" round oversized trim, matte white HLB4RTRMMW = 4" round decorative overlay, matte white **HLB4RTRMSN** = 4" round decorative overlay, satin nickel

HLB4RTRMTBZ = 4" round decorative overlay, tuscan bronze

HLB06EC = 6' extension cablee HLB12EC = 12' extension cablee HLB20EC = 20' extension cablee



HL4RSMF round & square mounting frame

Oversized Trim



HLB4R0TMW round, matte white

Designer Trims



HLB4RTRMMW round, white (paintable)



HLB4RTRMSN round, satin nickel



HLB4RTRMTBZ round, tuscan bronze

HLA4S Series Ordering Information

Models	Lumens	Distribution	CRI / CCT (CRI)	Driver	Finish	Packaging
HLA4S = 4-Inch LED square directional with remote driver / junction box	06 = 600 lumen (nominal)	VWFL = 80° very wide flood distribution	930 = 90 CRI minimum, 3000 K CCT 940 = 90 CRI minimum, 4000 K CCT 9FS = 90 CRI minimum, field selectable 2700, 3000, 3500, 4000 or 5000 K CCT	1E = 120V 60Hz, LE & TE phase cut 5% dimming	MW = matte white flange	R = recyclable 4-color unit carton suitable for point of purchase merchandizing display

Accessories

HL4RSMF = 4" round and square mounting frame HLB4S0TMW = 4" square oversized trim, matte white **HLB4STRMMW** = 4" square decorative overlay, matte white **HLB4STRMSN** = 4" square decorative overlay, satin nickel HLB4STRMTBZ = 4" square decorative overlay, tuscan bronze HLB06EC = 6' extension cablee HLB12EC = 12' extension cablee HLB20EC = 20' extension cablee

Oversized Trim



round & square mounting frame



HLB4SOTMW square, matte white

Designer Trims



HLB4RTRMMW round, white (paintable)







RL4-DM

4" LED Direct Mount Retrofit Module with SeleCCTable switch

The Halo RL4 Direct Mount is a SeleCCTable complete LED Baffle-Trim Module for 4-inch aperture applications, all without the need for a recessed housing; suitable for new construction, remodel and retrofit installation. Using the CCT selectable switch users can chose between five different color temperatures. The RL family offers a regressed lens that provides uniform illumination and wet location listing. Precision construction makes this product AIR-TITE for added savings and code compliance.

















Features

CCT Select System

Use the switch to choose between 2700K, 3000K, 3500K, 4000K, and 5000K CCT

Module - Trim

- Module construction includes LED Array, heat sink, reflector, lens, baffle and trim ring.
- Regressed baffle
- · Heat sink designed to conduct heat away from the LED

LED Array

- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy within 3 SDCM at the CCT endpoints and 4 SDCM in between endpoints, provide color accuracy
- Color Temperature (CCT) has an selectable range from 2700K to 5000K (factory default 3000K)

Optical Assembly

- Regressed lens
- · Impact-resistant polycarbonate
- Convex form and lamp-like appearance
- · Diffuse for even illumination

Gaskets

Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Remote Driver/Junction Box

- Aluminum driver / junction box with captive hinged junction box cover
- Listed for (6) #12 AWG 90° C splice conductors, 2-in, 2-out plus (2) ground
- (2) 1/2" conduit pry-outs

- (2) Slide-N-Side™ non-metallic (NM) wire traps all
- Accepts 14-2, 14-3, 12-2, 12-3 U.S and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections
- Integral keyhole mounting slots facilitate direct mounting to building structure or new construction mounting frame

Driver

- Integral 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5%
- Plenum rated inline electrical quick connect provides low voltage connection to fixture fitting

Installation

- Can be installed in 1/2" to 1-1/4" thick ceilings
- Cutout can utilize standard round hole saw sizes, cutout template provided
- Heat treated springs hold fixture fitting securely in the ceiling eliminating light leaks
- Can be removed from below the ceiling for service or replacement

Mounting/Retention

- The RL-DM requires no housing or third party junction box
- The remote enclosure may be used in direct contact with
- Installer must cut template out of drywall and install into aperture with the clips compressed.
- When released, the spring clips will rest on to the back side of the drywall
- Not for installation in recessed cans

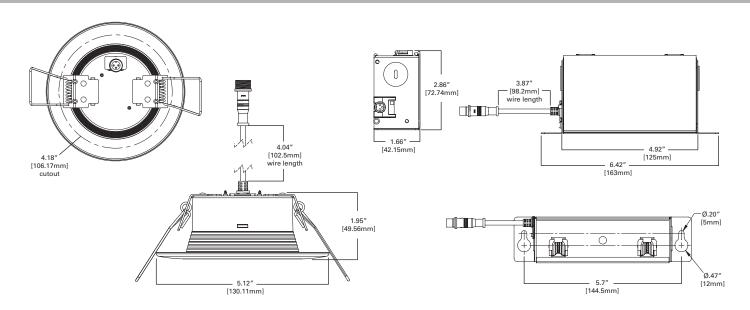
Compliance

- UL Certified for US and Canada
- Wet and Damp location listed
- Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-F
- Can be used International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings



RL4-DM Energy Data @ 3000K

	90 CRI
Lumens	600
Input Voltage	120V
Input Current	74 (mA)
Input Power	8.7 W
Efficiency	75 (LPW)
Inrush (A)	2.1 A
THD	≤ 20%
PF	≥ 0.90
T Ambient	-30 - +40°C
Sound Rating	≤ 20dba



RL4-DM Series Ordering Information

Models	Lumens	CRI / CCT (CRI)	Driver	Finish	Mounting
RL4 = 4" all- purpose retrofit LED module	06 = 600 lumen (nominal)	9S = 90 CRI minimum, white tuning, selectable CCT 2700K-5000K	1E = 120V 60Hz leading or trailing edge phase cut 5% dimming	WH = matte white baffle	DM = Direct Mount

Accessories

HL4NCMF = 4" round new construction mounting frame HL4RSMF = 4" round and square mounting frame



HL4RSMF round & square mounting frame



HL4NCMF round new construction mounting frame



RL6-DM

6" LED Direct Mount Retrofit Module with SeleCCTable switch

The Halo RL6 Direct Mount is a SeleCCTable complete LED Baffle-Trim Module for 6 inch aperture applications, all without the need for a recessed housing; suitable for new construction, remodel and retrofit installation. Using the CCT selectable switch users can chose between five different color temperatures. The RL family offers a regressed lens that provides uniform illumination and wet location listing. Precision construction makes this product AIR-TITE for added savings and code compliance.

















Features

CCT Select System

 Use the switch to choose between 2700K, 3000K, 3500K, 4000K, and 5000K CCT

Module - Trim

- Module construction includes LED Array, heat sink, reflector, lens, baffle and trim ring.
- · Regressed baffle
- Heat sink designed to conduct heat away from the LED Array

LED Array

- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy within 3 SDCM at the CCT endpoints and 4 SDCM in between endpoints, provide color accuracy and uniformity.
- Color Temperature (CCT) has an selectable range from 2700K to 5000K (factory default 3000K)

Optical Assembly

- · Regressed lens
- Impact-resistant polycarbonate
- · Convex form and lamp-like appearance
- · Diffuse for even illumination

Gaskets

Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Remote Driver/Junction Box

- Aluminum driver / junction box with captive hinged junction box cover
- Listed for (6) #12 AWG 90° C splice conductors, 2-in, 2-out plus (2) ground
- (2) 1/2" conduit pry-outs
- (2) Slide-N-Side™ non-metallic (NM) wire traps all
- Accepts 14-2, 14-3, 12-2, 12-3 U.S and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections
- Integral keyhole mounting slots facilitate direct mounting to building structure or new construction mounting frame

Driver

- Integral 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5%.
- Plenum rated inline electrical quick connect provides low voltage connection to fixture fitting

Installation

- Can be installed in 1/2" to 1-1/4" thick ceilings
- Cutout can utilize standard round hole saw sizes, cutout template provided
- Heat treated springs hold fixture fitting securely in the ceiling eliminating light leaks
- Can be removed from below the ceiling for service or replacement

Mounting/Retention

- The RL-DM requires no housing or third party junction box
- The remote enclosure may be used in direct contact with insulation.
- Installer must cut template out of drywall and install into aperture with the clips compressed.
- When released, the spring clips will rest on to the back side of the drywall
- · Not for installation in recessed cans

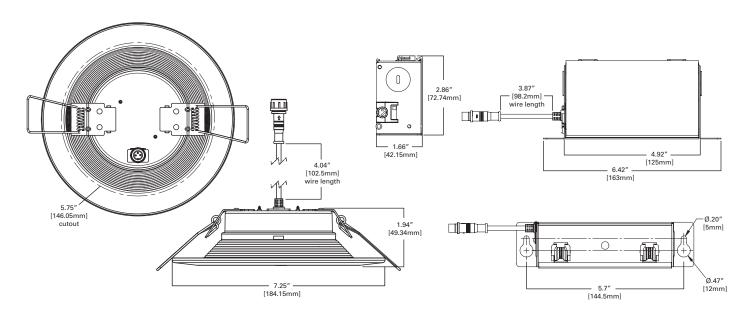
Compliance

- · UL Certified for US and Canada
- · Wet and Damp location listed
- Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-F
- Can be used International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings



RL6-DM Energy Data @ 3000K

	90 CRI
Lumens	600
Input Voltage	120V
Input Current	74 (mA)
Input Power	8.7 W
Efficiency	82.8 (LPW)
Inrush (A)	2.1 A @14mS
THD	≤ 20%
PF	≥ 0.90
T Ambient	-30 - +40°C
Sound Rating	≤ 20dba



RL6-DM Series Ordering Information

Models	Lumens	CRI / CCT (CRI)	Driver	Finish	Mounting
RL6 = 6" all- purpose retrofit LED module	06 = 600 lumen (nominal)	9S = 90 CRI minimum, white tuning, selectable CCT 2700K-5000K	1E = 120V 60Hz leading or trailing edge phase cut 5% dimming	WH = matte white baffle	DM = Direct Mount

Accessories

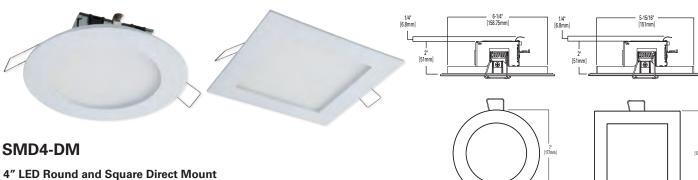
HL6NCMF = 6" round new construction mounting frame HL6RSMF = 6" round and square mounting frame



round & square mounting frame



round new construction mounting frame



The Halo Surface Mount LED Downlight (SMD) is an ultra-low profile surface mounting luminaire with a modern look and high performance. SMD4-DM (4" with spring clips) is designed for new installation into drywall, without any additional housing or junction box needed. Suitable for residential or commercial installations. Ideal for general areas, closets, storage areas, attics and basements. Compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5).















Features

Housing

- Non-electrically conductive polycarbonate frame.
- High impact diffuse polystyrene lens provides shielding to the light guide with no pixilation
- Stamped aluminum housing provides thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications

Gaskets

Closed cell gasket achieves restrictive airflow and wet location requirements without additional caulking

Precision acrylic light guide organizes source flux into wide distribution with 1.2 - 1.4 spacing criteria useful for general area illumination

LED

- Mid power led array provide a uniform source with high efficiency and long life.
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within 3 SDCM provide color accuracy and uniformity

Driver

- Integral 120V 50/60Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers.
- Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note some dimmers require a neutral in the wallbox.)
- Inline electrical quick connect (provided) provides mains connections

Mounting/Retention

- The SMD-DM with Spring Clips requires no housing or junction box.
- The integral enclosure may be used in direct contact with insulation including spray foam insulation
- Installer must cut template out of drywall, and install into the aperture with the clips compressed.
- When released, the spring clips will rest on to the back side of the drywall.
- Installer must ensure secure fit and wiring. This includes all applicable national and local electrical and building codes

Compliance

- cULus listed / certified for use with Halo housings, classified for use with other's housings, see instruction sheet for conditions of acceptability.
- Wet and Damp Location listed, airtight per ASTM-E283
- Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5)
- EMI/RFI emissions per FCC 47CFR Part 15B
- Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Can be used for State of California Title 24 high efficacy luminaire compliance, reference the California Energy Commission Title 20 Appliance Efficiency Database for
- Can be used for International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire compliance

SMD4-DM Energy Data @ 5000K

	Round	Square
Lumens	786	810
Input Voltage	120V	120V
Input Current	0.0811A	0.0829 A
Input Power	9.7 W	10 W
Efficiency	81 lm/W	81 lm/W
THD	13.3	13.2
Frequency	50/60 Hz	50/60 Hz
CRI	90 CRI	90 CRI
PF	0.99	0.99
T Ambient	-30 - +40°C	-30 - +40°C
Sound Rating	Class A	Class A

SMD4-DM Series Ordering Information

Halo Recessed Catalog - LED Surface & Direct Mount

Models	Lumens	CRI / CCT		Finish	Mounting
SMD4R = 4" Round Surface Mount Downlight, 120V	6 = 600 lumen series	927 = 90CRI, 2700K 930 = 90CRI, 3000K 935 = 90CRI, 3500K	940 = 90CRI, 4000K 950 = 90CRI, 5000K	WH = white	DM = Direct Mount
SMD4S = 4" Square Surface Mount Downlight, 120V	6 = 600 lumen series				

SMD6-DM Series



The Halo Surface Mount LED Downlight (SMD) is an ultra-low profile surface mounting luminaire with a modern look and high performance. SMD6-DM (6" with spring clips) is designed for new installation into drywall, without any additional housing or junction box needed. Suitable for residential or commercial installations. Ideal for general areas, closets, storage areas, attics and basements. Compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5).













Features

Housing

- · Non-electrically conductive polycarbonate frame.
- High impact diffuse polystyrene lens provides shielding to the light guide with no pixilation
- Stamped aluminum housing provides thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications

Gaskets

 Closed cell gasket achieves restrictive airflow and wet location requirements without additional caulking

Optics

 Precision acrylic light guide organizes source flux into wide distribution with 1.2 – 1.4 spacing criteria useful for general area illumination

LED

- Mid power led array provide a uniform source with high efficiency and long life.
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within 3 SDCM provide color accuracy and uniformity

Driver

- Integral 120V 50/60Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers.
- Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note some dimmers require a neutral in the wallbox.)
- Inline electrical quick connect (provided) provides mains connections

Mounting/Retention

- The SMD-DM with Spring Clips requires no housing or junction box
- The integral enclosure may be used in direct contact with insulation including spray foam insulation.
- Installer must cut template out of drywall, and install into the aperture with the clips compressed.
- When released, the spring clips will rest on to the back side of the drywall.
- Installer must ensure secure fit and wiring. This includes all applicable national and local electrical and building codes

Compliance

- cULus listed / certified for use with Halo housings, classified for use with other's housings, see instruction sheet for conditions of acceptability.
- · Wet and Damp Location listed, airtight per ASTM-E283
- · Suitable for use in closets,
- compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5)
- EMI/RFI emissions per FCC 47CFR Part 15B
- · Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Can be used for State of California Title 24 high efficacy luminaire compliance, reference the California Energy Commission Title 20 Appliance Efficiency Database for current listings.
- Can be used for International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire compliance

SMD6-DM Energy Data @ 5000K

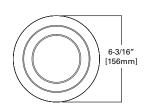
	97 2 4 1 4 9 6	
	Round	Square
umens	788	815
nput Voltage	120V	120V
nput Current	0.0811A	0.085 A
nput Power	9.7 W	10 W
Efficiency	82 lm/W	82 lm/W
THD	13.9	14.7
requency	50/60 Hz	50/60 Hz
CRI	90 CRI	90 CRI
PF	0.99	0.99
Γ Ambient	-30 - +40°C	-30 - +40°C
Sound Rating	Class A	Class A

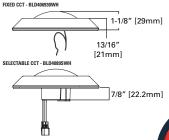
SMD6-DM Series Ordering Information

Models	Lumens	CRI / CCT		Finish	Mounting
SMD6R = 6" Round Surface Mount Downlight, 120V	6 = 600 lumen series	927 = 90CRI, 2700K 930 = 90CRI, 3000K 935 = 90CRI, 3500K	940 = 90CRI, 4000K 950 = 90CRI, 5000K	WH = white	DM = Direct Mount
SMD6S = 6" Square Surface Mount Downlight, 120V	6 = 600 lumen series				

BLD4 Series









4000K • 5000K

BLD4

4" Backlit LED Downlight

The Halo Backlit LED Downlight (BLD) incorporates state of the art lighting technology to create an ultra-low profile surface mounting luminaire with the performance and look of a traditional downlight. BLD4 is designed for installation in many 3-1/2" and 4" round or octagon junction boxes including pancake boxes. It can also retrofit in 4" aperture IC and Non-IC recessed housings. Suitable for residential or commercial installations.



IECC









Features

Construction

Stamped aluminum housing and frame

Optics

 Precision engineered optic provides uniform luminance from a low profile convex lens

LED

- · Backlit LED technology
- Color Temperature options include: standard 3000K dedicated or SeleCCTable configuration including 2700K, 3000K, 3500K, 4000K and 5000K options.
- · 90 CRI is standard
- L70 at 50,000 hours projected in accordance with TM-21

Driver

- Integral 120V 60Hz constant current driver provides virtually noise free operation.
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers.
 See dimming guide.
- Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note some dimmers require a neutral in the wallbox.)
- Inline electrical quick connect and E26 adapter (provided) provides mains connections.

Electrical Junction Box Mounting

- BLD may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation
- Suitable for installation in many 3-1/2" and 4" octagon and round electrical junction boxes.
- Dedicated CCT SKUs are compatible with compact (pancake) junction boxes
- Selectable CCT configuration, driver consumes 3 cubic inches of junction box, selectable CCT configuration is not compatible with pancake junction boxes
- Installer must ensure compatibility of fit, wiring and proper mounting in the electrical junction box. This includes all applicable national and local electrical and building coded Recessed Housing Mounting
- Can be installed in industry standard 4-inch recessed housings using friction mounting springs and (E26) medium base adapter provided.
- Not for use in recessed housings in direct contact with spray foam insulation refer to NEMA LSD 57-2013

Warranty

Halo Recessed Catalog - LED Surface & Direct Mount

 Five year limited warranty, consult website for details. www.eaton.com/lighting/legal

Compliance

- cULus certified for use with Halo housings and other's housings, see instruction sheet for conditions of acceptability.
- Wet and Damp Location listed, airtight per ASTM-E283 (protected ceiling only)
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements.
- EMI/RFI emissions per FCC 47CFR Part 15B
- · Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Can be used for State of California Title 24 high efficacy luminaire compliance, reference the California Energy Commission Title 20 Appliance Efficiency Database for current listings.
- Can be used for International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire Compliance
- ENERGY STAR® Certified luminaire consult ENERGY STAR® Certified Product List

BLD4 Energy Data

2700K-5000K 802 10.3W 0.087
10.3W
0.087
77.9 LPW
11.9%
60 Hz
-30 - +40°C
120V
Class A
0.99

BLD4 Series Ordering Information

Models	Lumens	umens Color Rendering Index (CRI)		Voltage	tage	
BLD4 = 4" Surface LED downlight, 120V (Includes hardware kits for junction box and recessed housing mounting)	06 = 600 lumen series	930 = 90CRI, 3000K	WH = Matte white	Blank = 120V		
	06 = 900 lumen series	9S = 90 CRI, SeleCCTable 2700K, 3000K, 3500K, 4000K & 5000K	WH = Matte white	Blank = 120V		

Housing Compatibility

Models		Recessed Can Size	Catalog Number
HALO LED	Compatible Halo LED Housings with LED luminaire connector (high-efficacy compliant)	4"	H995ICAT, H995RICAT, H245ICAT, H245RICAT
HALO	Compatible Halo Incandescent E26 Screwbase Housings	4"	H99ICAT, H99TAT, H99RTAT, E4ICATSB, E4TATSB, E4RTATSB

Compatible with Eaton's Crouse-Hinds Junction Box (Order Separately)



For non-metallic (NM) cable 4" x 4" x 2-1/8" [102mm x 102mm x 54mm]



For metal clad cable 4" x 4" x 2-1/8" [102mm x 102mm x 54mm]

- TP316 for non-metallic (NM) cable
- TP317 for metal clad cable
- UL Listed
- Refer to www.crouse-hinds.com

Compatible with many other Junction Boxes*



4" octagon light fixture/fan steel box (102mm x 102mm x 54mm)



4" octagon steel box 4" x 4" x 1-1/2" (102mm x 102mm x 38mm)



4" round new work non-metallic box with hanger bar

4" diameter x 2-3/16" (102mm x 56mm)



4" round new work non-metallic light fixture/fan box 4" diameter x 2-3/16 (102mm x 56mm)



3-1/2" round new work non-metallic ceiling box 3-1/2" diameter x 2-3/4" (89mm x 70mm)



3-1/2" round old work non-metallic box 4-1/4" O.D. flange, 3-1/2" I.D. x 2-5/8" (108mm O.D., 89mm I.D. x 67mm)



4" diameter x 1-1/2" (102mm x 38mm)

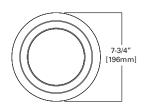


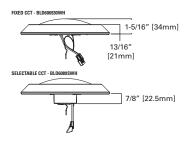
Round ceiling pan 4" diameter x 13/16" (102mm x 21mm) Note: only compatible with fixed CCT BLD406930

^{*}This is a representative list of compatible junction boxes only. Information contained in this literature about other manufacturers' products is from published information made available by the manufacturer and is deemed to be reliable, but has not been verified. Eaton makes no specific recommendation on product selection and there are no warranties of performance or compatibility implied. Installer must determine that site conditions are suitable to allow proper installation of the mounting bracket in the box.

BLD6 Series







BLD6

6" Backlit LED Downlight

The Halo Backlit LED Downlight (BLD) incorporates state of the art lighting technology to create an ultra-low profile surface mounting luminaire with the performance and look of a traditional downlight. BLD6 is designed for installation in many 3-1/2" and 4" round or octagon junction boxes including pancake boxes. It can also retrofit in 5" or 6" aperture IC and Non-IC recessed housings. Suitable for residential or commercial installations.



IECC











colors

2700K • 3000K • 3500K

4000K • 5000K

Features

Construction

Stamped aluminum housing and frame

Optics

Precision engineered optic provides uniform luminance from a low profile convex lens

LED

- · Backlit LED technology
- Color Temperature options include: standard 3000K dedicated or SeleCCTable configuration including 2700K, 3000K, 3500K, 4000K and 5000K options.
- 90 CRI is standard
- · L70 at 50,000 hours projected in accordance with TM-21

Driver

- Integral 120V 60Hz constant current driver provides virtually noise free operation.
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers. See dimming guide.
- Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note some dimmers require a neutral in the wallbox.)
- Inline electrical guick connect and E26 adapter (provided) provides mains connections.

Electrical Junction Box Mounting

- BLD may be used in compatible electrical junction boxes in directcontact with insulation including spray foam insulation
- Suitable for installation in many 3-1/2" and 4" octagon and round electrical junction boxes.
- Dedicated CCT SKUs are compatible with compact (pancake) junction boxes
- Selectable CCT configuration, driver consumes 3 cubic inches of junction box, selectable CCT configuration is not compatible with pancake junction boxes
- Installer must ensure compatibility of fit, wiring and proper mounting in the electrical junction box. This includes all applicable national and local electrical and building coded Recessed Housing Mounting Torsion
- Precision formed torsion spring bracket kit included
- The torsion springs adjust on the mounting plate to fit 5" or 6" compatible housings
- Not for use in recessed housings in direct contact with spray foam insulation refer to NEMA LSD 57-2013

Warranty

Halo Recessed Catalog - LED Surface & Direct Mount

· Five year limited warranty, consult website for details. www.eaton.com/lighting/legal

Compliance

- cULus certified for use with Halo housings and other's housings, see instruction sheet for conditions of acceptability.
- Wet and Damp Location listed, airtight per ASTM-E283 (protected ceiling only)
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements.
- EMI/RFI emissions per FCC 47CFR Part 15B
- Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Can be used for State of California Title 24 high efficacy luminaire compliance, reference the California Energy Commission Title 20 Appliance Efficiency Database for current listings
- Can be used for International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency **Iuminaire Compliance**
- ENERGY STAR® Certified luminaire consult ENERGY STAR® Certified Product List

BLD6 Energy Data

	3000K	SeleCCTable
	Dedicated	2700K-5000K
Lumens	700	812
Wattage	8.2W	10.3W
Input Current	0.07	0.088
Efficacy	85.4 LPW	78.8 LPW
THD	14.3%	11.8%
Frequency	60 Hz	60 Hz
T Ambient	-30 - +40°C	-30 - +40°C
Voltage	120V	120V
Sound Rating	Class A	Class A
Power Factor	0.99	0.99

BLD4 Series Ordering Information

Models	Lumens	Color Rendering Index (CRI)	Finish	Voltage	
BLD6 = 6" Backlit LED downlight	06 = 600 lumen series	6 = 600 lumen series 930 = 90CRI, 3000K		Blank = 120V	
	08 = 800 lumen series	9S = 90 CRI, SeleCCTable 2700K, 3000K, 3500K, 4000K & 5000K	WH = Matte white	Blank = 120V	

Housing Compatibility

Models		Recessed Can Size	Catalog Number
HALO LED	Compatible Halo LED Housings with LED luminaire connector	5"	H550ICAT, H550RICAT, E550ICAT, E550RICAT
(high-efficacy compliant)		6"	H750ICAT, H750RICAT, H750T, H750RINTD010, H750TCP, H2750ICAT, H2750RICAT, E750ICAT, E750RICAT
HALO	Halo LED Retrofit Enclosures	6"	ML7BXRFK, ML7E26RFK
HALO	Compatible Halo Incandescent E26 Screwbase Housings	5"	HSICAT, HSRICAT, HSICATNB, HST, H5RT, H2SICAT, H2SICATNB, ESTAT, ESRTAT, H5TNB, ESTATNB, ESICAT, ESRICAT, ESICATNB
		6"	H7ICAT, H7RICAT, H7ICT, H7RICT, H7ICATNB, H7ICTNB, H7T, H7RT, H7TNB, H7TCP, H7UICT, H7UICAT, H27ICAT, H27RICAT, H27T, H27RT, E7ICAT, E7RICAT, E7RICAT, E7ICATNB, E7TAT, E7TATNB, E2TAT, E2TRTAT

Compatible with Eaton's Crouse-Hinds Junction Box (Order Separately)



For non-metallic (NM) cable 4" x 4" x 2-1/8" [102mm x 102mm x 54mm]



For metal clad cable 4" x 4" x 2-1/8" [102mm x 102mm x 54mm]

- TP316 for non-metallic (NM) cable
- TP317 for metal clad cable
- UL Listed
- · Refer to www.crouse-hinds.com

Compatible with many other Junction Boxes*



4" octagon light fixture/fan steel box 4" x 4" x 2-1/8" (102mm x 102mm x 54mm)



4" octagon steel box 4" x 4" x 1-1/2" (102mm x 102mm x 38mm)



4" round new work non-metallic box with hanger bar assembly 4" diameter x 2-3/16" (102mm x 56mm)



4" round new work non-metallic light fixture/fan box 4" diameter x 2-3/16' (102mm x 56mm)



3-1/2" round new work non-metallic ceiling box 3-1/2" diameter x 2-3/4" (89mm x 70mm)



3-1/2" round old work non-metallic box 4-1/4" O.D. flange, 3-1/2" I.D. x 2-5/8" (108mm O.D., 89mm I.D. x 67mm)



4" square deep steel box 4" x 4" x 2-1/8" (102mm x 102mm x 54mm)



4" round surface mou 4" diameter x 1-1/2' (102mm x 38mm)



4" x 4" x 1-1/2" (102mm x 102mm x 38mm)

Round ceiling pan 4" diameter x 13/16" (102mm x 21mm) Note: only compatible with fixed CCT BLD406930

^{*}This is a representative list of compatible junction boxes only. Information contained in this literature about other manufacturers' products is from published information made available by the manufacturer and is deemed to be reliable, but has not been verified. Eaton makes no specific recommendation on product selection and there are no warranties of performance or compatibility implied. Installer must determine that site conditions are suitable to allow proper installation of the mounting bracket in the box.

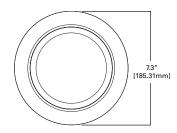
CLD7 Series

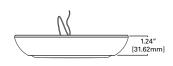


CLD7

7" Low-Profile LED Downlight

The Halo CLD is a low profile, high performance surface mount luminaire that offers the added flexibility of 3 selectable color temperatures at time of installation. CLD7 (7") is designed for installation in many 3-1/2" and 4" square, octagon, or round junction boxes. Supply wire adapter with LED quick wiring connector included.



















Features

Construction

Stamped aluminum housing and frame

Optics

- Precision engineered optic provides uniform luminance from a low profile convex lens
- · Removable lens for easy install from below installation

LED

- Backlit LED technology
- Color Temperature options include: SeleCCTable configuration 3000K, 4000K or 5000K via switch
- 90 CRI is standard
- L70 at 50,000 hours projected in accordance with TM-21

Driver

- Integral 120V 60Hz constant current driver provides virtually noise free operation.
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers.
 See dimming guide.
- Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note some dimmers require a neutral in the wallbox.)

Electrical Junction Box Mounting

- CLD may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation
- · Install from below design
- Suitable for installation in many 3-1/2" and 4" octagon and round electrical junction boxes.
- Compatible with compact (pancake) junction boxes
 Note: Fire-rating is per the rating of the ceiling and applicable junction box, not the CLD.
- Installer must ensure compatibility of fit, wiring and proper mounting in the electrical junction box. This includes all applicable national and local electrical and building coded NEMA LSD 57-2013

Warranty

 Five year limited warranty, consult website for details. www.eaton.com/lighting/legal

Compliance

- UL certified for US and Canada
- Wet and Damp Location listed, airtight per ASTM-E283 (protected ceiling only)
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements.
- EMI/RFI emissions per FCC 47CFR Part 15B
- Contains no mercury or lead and RoHS compliant.

- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- · Can be used for State of
- California Title 24 high efficacy luminaire compliance, reference the California Energy Commission Title 20 Appliance Efficiency Database for current listings.
- Can be used for International Energy Conservation Code (IECC) and Washington State Energy Code high efficiency luminaire compliance
- ENERGY STAR® Certified luminaire consult ENERGY STAR® Certified Product List

CLD Energy Data

	90 CRI
Lumens	800
Input Voltage	120V
Input Current	x (mA)
Input Power	11.2 (W)
Inrush (A)	х
THD	≤ 20%
PF	≥ 0.90
T Ambient	-30 - +40°C
Sound Rating	≤ 20dba

130

CLD7 Series Ordering Information

Models	Lumens	Color Rendering Index (CRI)	Finish	Accessories
CLD7 = 7" LED surface light	08 = 800 lumen series	9S = 90 CRI, SeleCCTable 2700K, 3000K, 3500K, 4000K & 5000K	WH = Matte white	R = recyclable unit carton suit- able for merchandising display

Compatible with Eaton's Crouse-Hinds Junction Box (Order Separately)



TP316 For non-metallic (NM) cable 4" x 4" x 2-1/8" [102mm x 102mm x 54mm]



TP317 For metal clad cable 4" x 4" x 2-1/8" [102mm x 102mm x 54mm]

- TP316 for non-metallic (NM) cable
- TP317 for metal clad cable
- UL Listed
- · Refer to www.crouse-hinds.com

Compatible with many other Junction Boxes*



4" octagon light fixture/fan steel box (102mm x 102mm x 54mm)



4" octagon steel box 4" x 4" x 1-1/2" (102mm x 102mm x 38mm)



4" round new work non-metallic box with hanger bar assembly 4" diameter x 2-3/16" (102mm x 56mm)



4" round new work non-metallic light fixture/fan box 4" diameter x 2-3/16" (102mm x 56mm)



3-1/2" round new work non-metallic ceiling box 3-1/2" diameter x 2-3/4" (89mm x 70mm)



3-1/2" round old work non-metallic box 4-1/4" O.D. flange, 3-1/2" I.D. x 2-5/8" (108mm O.D., 89mm I.D. x 67mm)



4" round surface mount box 4" diameter x 1-1/2" (102mm x 38mm)



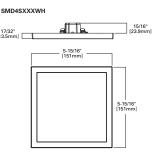
Round ceiling pan 4" diameter x 13/16" (102mm x 21mm) Note: only compatible with fixed CCT BLD406930

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SMD4 Series



SMD4RXXXWH 9/16* [123.9mm] 6-5/32* [156.4mm]



SMD4

4" LED Round and Square Surface Mount

The Halo Surface Mount LED Downlight (SMD) is an low profile surface mounting luminaire with a modern look and high performance. SMD4 (4") is designed for installation in many 3-1/2" and 4" square, octagon, or round junction boxes. Supply wire adapter with LED quick wiring connector included. The SMD4 may also retrofit in 4" aperture IC and Non-IC recessed housings. Compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5).











Features

Housing

- Non-electrically conductive polycarbonate frame.
- High impact diffuse polystyrene lens provides shielding to the light guide with no pixilation
- Stamped aluminum housing provides thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications

Gaskets

 Closed cell gasket achieves restrictive airflow and wet location requirements without additional caulking

Optics

 Precision acrylic light guide organizes source flux into wide distribution with 1.2 – 1.4 spacing criteria useful for general area illumination

LED

- Mid power led array provide a uniform source with high efficiency and long life.
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within 3 SDCM provide color accuracy and uniformity

Driver

- Integral 120V 50/60Hz constant current driver provides noise free operation.
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers.
- Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note some dimmers require a neutral in the wallbox.)
- Inline electrical quick connect and E26 adapter (provided) provides mains connections.

Mounting/Retention

- Adjustable spider plate allows for quick installation into both junction boxes and recessed housings.
- Friction blades included

Electrical Junction Box Mounting

- The SMD may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation.
- Suitable for installation in many 3-1/2" and 4" square, octagon, and round electrical junction boxes.
- Installer must ensure compatibility of fit, wiring and proper mounting in the electrical junction box. This includes all applicable national and local electrical and building coded

Recessed Housing Mounting

- May be installed in IC recessed housings in direct contact with insulation
- Note: Not for use in recessed housing in direct contact with spray foam insulation. Refer to NEMA LSD 57-2013.
- May be installed in IC recessed housings in direct contact with insulation
- Note: Not for use in recessed housing in direct contact with spray foam insulation. Refer to NEMA LSD 57-2013

Friction Blade 4"

- · Precision formed friction blades included
- For retrofit in 4" nominal housings
- Friction blade design allows the SMD to be installed in any position within the housing aperture (360 degrees)

Designer Skins (Sold Separately)

- SMD skins are accessory rings in both round and square.
 These skins attach to the SMD for a permanent finish.
 Refer to the SMD accessories specification sheet for details
- Matte White (Paintable)
- Satin Nickel
- Tuscan Bronze

Warranty

Halo Recessed Catalog - LED Surface & Direct Mount

 Five year limited warranty, consult website for details. www.eaton.com/lighting/legal

Compliance

- cULus listed / certified for use with Halo housings, classified for use with other's housings, see instruction sheet for conditions of acceptability.
- · Wet and Damp Location listed, airtight per ASTM-E283
- Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5)
- EMI/RFI emissions per FCC 47CFR Part 15B
- · Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Can be used for State of California Title 24 high efficacy luminaire compliance, reference the California Energy Commission Title 20 Appliance Efficiency Database for current listings.
- Can be used for International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire compliance

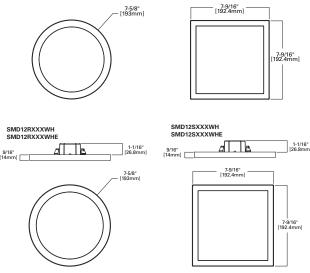
SMD6 - 600 & 1200 Series



SMD₆

6" LED Round and Square Surface Mount

The Halo Surface Mount LED Downlight (SMD) is a low profile surface mounting luminaire with a modern look and high performance. SMD6 (6") is designed for installation in many 3-1/2" and 4" square, octagon, or round junction boxes. Supply wire adapter with LED quick wiring connector included. The SMD6 may also retrofit in 5" and 6" aperture IC and Non-IC recessed housings.





SMD6RXXXWH









15/16" [23.9mm]

Features

Housing

- · Non-electrically conductive polycarbonate frame.
- High impact diffuse polystyrene lens provides shielding to the light guide with no pixilation
- Stamped aluminum housing provides thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications

Gaskets

 Closed cell gasket achieves restrictive airflow and wet location requirements without additional caulking

Optics

 Precision acrylic light guide organizes source flux into wide distribution with 1.2 – 1.4 spacing criteria useful for general area illumination

LED

- Mid power LED array provide a uniform source with high efficiency and long life.
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within 3 SDCM provide color accuracy and uniformity

Driver

- SMD 120-277V
- Integral 120V 50/60Hz constant current driver provides noise free operation.
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers.
- Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note some dimmers require a neutral in the wallbox.)
- Inline electrical quick connect and E26 adapter (provided) provides mains connections.

SMD 120-277V

- Integrated 120-277V 60Hz constant current driver provides noise free operation.
- SMD Universal Voltage (120-277V) configurations are recommended for use with compatible 0-10V DC low voltage dimmers only.

Mounting/Retention

- Adjustable spider plate allows for quick installation into both junction boxes and recessed housings.
- Torsion springs and friction blades included

Electrical Junction Box Mounting

- The SMD may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation.
- Suitable for installation in many 3-1/2" and 4" square, octagon, and round electrical junction boxes.
- Note: SMD120-277V UNV is only compatible with junction boxes that provide minimum depth of 2-1/8"
- Installer must ensure compatibility of fit, wiring and proper mounting in the electrical junction box. This includes all applicable national and local electrical and building coded

Recessed Housing Mounting

- May be installed in IC recessed housings in direct contact with insulation
- Note: Not for use in recessed housing in direct contact with spray foam insulation. Refer to NEMA LSD 57-2013.
- Torsion Spring 5" & 6"
- · Precision formed torsion spring bracket kit included
- The torsion springs adjust on the mounting plate to fit 5' or 6" compatible housings

Friction Blade 5" & 6"

- · Precision formed friction blades included
- For retrofit in 5" and 6" housings without torsion springs mounting tabs.
- Friction blade design allows the SMD to be installed in any position within the housing aperture (360 degrees)

Designer Skins (Sold Separately)

- SMD skins are accessory rings in both round and square. These skins attach to the SMD for a permanent finish. Refer to the SMD accessories specification sheet for details.
- · Matte White (Paintable)
- Satin Nickel
- Tuscan Bronze

Warranty

 Five year limited warranty, consult website for details. www.eaton.com/lighting/legal

Compliance

- cULus Certified for use with Halo housings and for use with other's housings, see instruction sheet for conditions of acceptability.
- · Wet and Damp Location listed, airtight per ASTM-E283
- Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5)
- EMI/RFI emissions per FCC 47CFR Part 15B
- · Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Can be used for State of California Title 24 high efficacy luminaire compliance, reference the California Energy Commission Title 20 Appliance Efficiency Database for current listings.
- Can be used for International Energy Conservation Code (IECC) and high efficiency luminaire compliance
- ENERGY STAR® listed, reference database for current listings

SMD4 & SMD6 - 600 & 1200 Series

SMD 4" & 5/6" Series Ordering Information

Models	Lumens	CRI / CCT		Finish	Voltage
SMD4R = 4" Round Surface Mount Downlight, 120V SMD4S = 4" Square Surface Mount Downlight, 120V	6 = 600 lumen series	927 = 90CRI, 2700K 930 = 90CRI, 3000K 935 = 90CRI, 3500K	940 = 90CRI, 4000K 950 = 90CRI, 5000K	WH = Matte white	
SMD6R = 6" Round Surface Mount Downlight SMD6S = 6" Square Surface Mount Downlight	6 = 600 lumen series 12 = 1200 lumen series	927 = 90CRI, 2700K 930 = 90CRI, 3000K 935 = 90CRI, 3500K	940 = 90CRI, 4000K 950 = 90CRI, 5000K	WH = Matte white	Blank = 120V standard E = UNV Universal 120-277V*

Accessories (Order Separately)

Designer Trims

SMD4RTRMSN = 4" Round SMD Satin Nickel SMD4RTRMTBZ = 4" Round SMD Tuscan Bronze SMD4RTRMWH = 4" Round SMD White (paintable) SMD4STRMSN = 4" Square SMD Satin Nickel SMD4STRMTBZ = 4" Square SMD Tuscan Bronze SMD4STRMWH = 4" Square SMD White (paintable)

SMD6RTRMSN = 6" Round SMD Satin Nickel SMD6RTRMTBZ = 6" Round SMD Tuscan Bronze SMD6RTRMWH = 6" Round SMD White (paintable) SMD6STRMSN = 6" Square SMD Satin Nickel SMD6STRMTBZ = 6" Square SMD Tuscan Bronze SMD6STRMWH = 6" Square SMD White (paintable)

T24HWKIT = Title 24 Cable harness kit used to convert incandescent and low voltage housings to LED **HE26LED** = E26 Screw base adapter for retrofit (included)



SMD-STRMWH square, white (paintable)

SMD-STRMSN square, satin nickel

SMD-STRMTBZ square, tuscan bronze



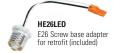
SMD-RTRMWH round, white (paintable)

SMD-RTRMSN round, satin nickel

SMD-RTRMTBZ round, tuscan bronze



T24HWKIT



Energy Data

SMD4

	Round	Square
Lumens (5000K)	786	810
Input Power	9.7 W	10 W
Input Current	0.0811A	0.0829 A
Efficiency	81 lm/W	81 lm/W
THD	13.3	13.2
Input Voltage	120V	120V
Frequency	50/60 Hz	50/60 Hz
CRI	90 CRI	90 CRI
PF	0.99	0.99
T Ambient	-30 - +40°C	-30 - +40°C
Sound Rating	Class A	Class A

SMD6R6 / SMD6S6

	Round	Square
Lumens (5000K)	788	815
Input Power	9.6 W	9.9 W
Input Current	0.0811A	0.085 A
Efficiency	82 lm/W	82 lm/W
THD	13.9	14.7
Input Voltage	120V	120V
Frequency	50/60 Hz	50/60 Hz
CRI	90 CRI	90 CRI
PF	0.99	0.99
T Ambient	-30 - +40°C	-30 - +40°C
Sound Rating	Class A	Class A

SMD6R12 / SMD6S12

	Round	Square
Lumens (5000K)	1252	1235
Input Power	15.3 W	15.7 W
Input Current	0.133 A	0.132 A
Efficiency	82 lm/W	79 lm/W
THD	15.3	15.7
Input Voltage	120V	120V
Frequency	50/60 Hz	50/60 Hz
CRI	90 CRI	90 CRI
PF	0.98	0.98
T Ambient	-30 - +40°C	-30 - +40°C
Sound Rating	Class A	Class A

SMD6R12-E / SMD6S12-E

	Round	Square
Lumens (5000K)	1200	1180
Input Power	15.3 W	16 W
Input Current	0.133 A - (120V) 0.061 A - (277V)	0.132 A - (120V) 0.061 A - (277V)
Efficiency	81 lm/W	81 lm/W
THD	13.3	13.2
Input Voltage	120 - 277V	120 - 277V
Frequency	60 Hz	60 Hz
CRI	92 CRI	92 CRI
PF	0.99	0.99
T Ambient	-30 - +40°C	-30 - +40°C
Sound Rating	Class A	Class A

Housing Compatibility

Models		Recessed Can Size	Catalog Number
HALO LED	Compatible Halo LED Housings with LED luminaire connector	4"	H995ICAT, H995RICAT, H245ICAT, H245RICAT
	(high-efficacy compliant)	5"	H550ICAT, H550RICAT, E550ICAT, E550RICAT
		6"	H750ICAT, H750RICAT, H750T, H750RINTD010, H750TCP, H2750ICAT, H2750RICAT, E750ICAT, E750RICAT
HALO	Halo LED Retrofit Enclosures	6"	ML7BXRFK, ML7E26RFK
HALO	Compatible Halo Incandescent E26 Screwbase Housings	4"	H99ICAT, H99TAT, H99RTAT, E4ICATSB, E4TATSB, E4RTATSB
		5"	H5ICAT, H5RICAT, H5ICATNB, H5T, H5RT, H25ICAT, H25ICATNB, E5TAT, E5RTAT, H5TNB, E5TATNB, E5ICAT, E5RICAT, E5ICATNB
		6"	H7ICAT, H7RICAT, H7ICT, H7RICT, H7ICATNB, H7ICTNB, H7T, H7RT, H7TNB, H7TCP, H7UICT, H7UICAT, H27ICAT, H27RICAT, H27R, H27RT, E7ICAT, E7RICAT, E7RIC

Compatible with Eaton's Crouse-Hinds Junction Box (Order Separately)



For non-metallic (NM) cable 4" x 4" x 2-1/8" [102mm x 102mm x 54mm]



TP317 For metal clad cable 4" x 4" x 2-1/8" [102mm x 102mm x 54mm]

- TP316 for non-metallic (NM) cable
- TP317 for metal clad cable
- UL Listed
- · Refer to www.crouse-hinds.com

Compatible with many other Junction Boxes*



4" octagon light fixture/fan steel box (102mm x 102mm x 54mm)



4" octagon steel box 4" x 4" x 1-1/2" (102mm x 102mm x 38mm)



4" round new work non-metallic box with hanger bar assembly 4" diameter x 2-3/16" (102mm x 56mm)



4" round new work non-metallic light fixture/fan box 4" diameter x 2-3/16" (102mm x 56mm)



3-1/2" round new work non-metallic ceiling box 3-1/2" diameter x 2-3/4" (89mm x 70mm)



3-1/2" round old work non-metallic box 4-1/4" O.D. flange, 3-1/2" I.D. x 2-5/8" (108mm O.D., 89mm I.D. x 67mm)



4" diameter x 1-1/2" (102mm x 38mm)



4" square deep steel box 4" x 4" x 2-1/8" (102mm x 102mm x 54mm)



4" square standard steel box 4" x 4" x 1-1/2" (102mm x 102mm x 38mm)

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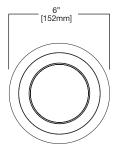
SLD4 Series

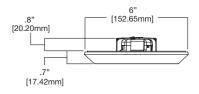


SLD4

4" LED Retrofit Module, SLD4 Model

The Halo Surface LED Downlight (SLD) incorporates WaveStream™ technology to create an ultra-low profile surface mounting luminaire with the performance and look of a traditional downlight. SLD4 is designed for installation in many 3-1/2" and 4" round or octagon junction boxes. May also retrofit in 4" aperture IC and Non-IC recessed housings*. Suitable for residential or commercial installations. Ideal for closets, storage areas, attics and basements.







IECC









Features

Mechanical

Die cast aluminum trim ring, and die formed aluminum frame

Optics

- WaveStream™ technology provides uniform luminance from a low profile flat lens
- AccuAim™ optics provide directional control for the "cone-of-light" beam distribution of a traditional downlight
- Precision molded lens features high transmission polymer with UV stabilized protecting film

Designer Trims (Sold Separately)

SLD designer trims are accessories

- White (paintable)
- Satin nickel
- Tuscan bronze

Electrical Junction Box Mounting**

Suitable for installation in many 3-1/2" and 4" octagon and round electrical junction boxes in direct contact with insulation including spray foam insulation

Note: Driver consumes 3 cubic inches of junction box

Surface mounting in a fire-rated ceiling using an appropriate electrical box offers a cost-effective alternative to fire-rated recessed housings

Note: Fire-rating is per the rating of the ceiling and applicable junction box, not the SLD

- Proprietary Slot-N-Lock quick installation system for junction box installation
- T-bracket with Slot-N-Lock mounting tabs included

Recessed Housing Mounting Friction Blade

· Pre-installed friction blades included

LED

- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, 4000K
- Color Rendering Index (CRI) options: 90
- Lumen maintenance L70 at 50,000 hours
- 700 nominal lumens, range dependent on CCT and CRI

Electrical Connections Junction Box**

- Compatible with 3-1/2" x 2" and 4" x 1-1/2" round and octagon boxes (2-1/8" deep boxes recommended)
- Supply wire adapter with LED quick connector included

Recessed Housings

- LED connector is non-screw base luminaire disconnect for tool-less installation in Halo 4" H995 series LED housings
- LED connector meets California Title 24 high efficacy luminaire standard as a non-screw base
- E26 Edison screw base adapter included

LED Driver

- Driver is a 120V dimmable electronic power supply providing DC power to the LED arrays
- Driver features high power factor, low THD, and has integral thermal protection

Dimming

Halo Recessed Catalog - LED Surface & Direct Mount

Designed for continuous dimming to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note, some dimmers require a neutral in the wallbox)

Compliance

- · cULus Listed ceiling and wall
- cULus Listed damp location, ceiling and wall
- cULus Listed wet location, covered ceiling only (shower rated)
- Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5)
- UL Classified when used in retrofit with listed housings (See housing compatibility)
- EMI/RFI: meets FCC 47CFR Part 15 Class B limits, and is suitable for use in residential and commercial
- 90 CRI (R9 > 50) can be used to comply with California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- Air-Tite certified per ASTM E283 not exceeding 2.0 CFM under 1.57psf (75 Pascals) pressure difference
- ENERGY STAR® certified downlight surface retrofit
- Contains no mercury or lead and RoHS compliant
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits, suitable for use in residential and commercial
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21

*Note: Not for use in recessed housings in direct contact with spray foam insulation refer to NEMA LSD 57-2013

** Models with "JB" suffix include hardware kit for junction box mounting only

SLD4 Energy Data

	90 CRI
Lumens (4000K models)	710
Input Voltage	120V
Frequency	50/60 Hz
Input Current	0.10 A
Input Power	12 W
Efficiency (4000K models)	59 lm/W
THD	≤ 20%
Power Factor	≥ 0.90
T Ambient	-30 - +40°C
Sound Rating	Class A

SLD4 Series

SLD4 Series Ordering Information

Models		Color Rendering Index (CRI)	Color Tem	perature (CCT)	Finish	JB (Optional)
Standard	SLD405 = 4" Surface LED downlight, 120V (Includes hardware kits for junction box and recessed housing mounting)	9 = 90 CRI	27 = 2700K 30 = 3000K	35 = 3500K 40 = 4000K	WH = Matte white	
"JB" Models	SLD405 = 4" Surface LED downlight, 120V (Includes hardware kit for junction box mounting ONLY)	9 = 90 CRI	27 = 2700K 30 = 3000K	35 = 3500K 40 = 4000K	WH = Matte white	JB = ONLY junction box hardware kit

Accessories (Order Separately)

Designer Trims

Fit over the SLD for a designer finish SLD4TRMWH = 4" SLD white (paintable) SLD4TRMSN = 4" SLD satin nickel SLD4TRMTBZ = 4" SLD tuscan bronze

*SLD accessory trims attach with permanent adhesion and are not interchangeable after installation











SLD4 Retrofit Kit - SLD4 screw base adapter, friction blades, ground wire, mounting screws, wire nuts



SLD4 junction box mounting bracket and screws

Compatible Junction Boxes



Octagon - Steel 4" x 4" x 1-1/2"



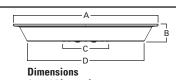
Round - Plastic

Junction Box Spacer Extension Ring

Adds 15/16" depth when the SLD driver cannot fit into a junction box

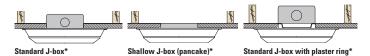


SLD4EXT = 4" Surface LED j-box extender, 7.75" O.D.



A: 7-3/4" [197mm] B: 7/8" [24mm] C: 3-7/8" [99mm]





Fire Rated Install*



*For illustration only - not for construction

Surface Box Adapter

The surface box adapter fits the SLD into a 4-inch round or octagon junction box that is mounted flat on a ceiling or beam surface (not recessed in the ceiling)



4" SLD round surface j-box adapter. For 4" round and octagon junction boxes.



Dimensions

A: 4-1/2" [114mm] B: 3-1/4" [84mm] C: 1/2" [13mm] D: 6-1/8" [156mm]

Compatible with Eaton's Crouse-Hinds Junction Box (Order Separately)



TP316 For non-metallic (NM) cable 4" x 4" x 2-1/8" [102mm x 102mm x 54mm]



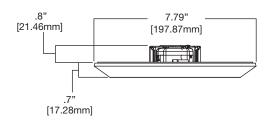
TP317 For metal clad cable 4" x 4" x 2-1/8" [102mm x 102mm x 54mm]

- TP316 for non-metallic (NM) cable
- TP317 for metal clad cable
- UL Listed
- · Refer to www.crouse-hinds.com

137

SLD6 - 600 & 1200 Series





SLD606 - 600 Series, 120V SLD612 - 1200 Series, 120V

5"/6" Surface LED Retrofit Module - 6 Inch Application

The Halo Surface LED Downlight (SLD) incorporates WaveStream™ technology to create an ultra-low profile surface mounting luminaire with the performance and look of a traditional downlight. SLD6 is designed for installation in many 3-1/2" and 4" square, octagon or round junction boxes. And may also retrofit in 5" and 6" IC and Non-IC recessed housings.* Suitable for residential or commercial installations. Ideal for closets, storage areas, attics and basements. Compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5).















Features

Mechanical

Die cast aluminum trim ring, and die formed aluminum frame

Optics

- WaveStream[™] technology provides uniform luminance from a low profile flat lens
- AccuAim™ optics provide directional control for the "coneof-light" beam distribution of a traditional downlight
- Precision molded lens features high transmission polymer with UV stabilized protecting film

Electrical Junction Box Mounting

- SLD may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation
- Suitable for installation in many 3-1/2" and 4" square, octagon, and round electrical junction boxes

Note: Driver consumes 3 cubic inches of junction box

 Surface mounting in a fire-rated ceiling using an appropriate electrical box offers a cost-effective alternative to fire-rated recessed housings

Note: Fire-rating is per the rating of the ceiling and applicable junction box, not the SLD

- Installer must ensure compatibility of fit, wiring and proper mounting in the electrical junction box. This includes all applicable national and local electrical and building codes.
- Proprietary Slot-N-Lock quick installation system for junction box installation
- T-bracket with Slot-N-Lock mounting tabs included

Recessed Housing Mounting

 May be installed in IC recessed housings in direct contact with insulation

*Note: Not for use in recessed housings in direct contact with spray foam insulation (Refer to NEMA LSD 57-2013)

Torsion Spring 5" & 6" Kit (Included)

 The torsion springs adjust on the frame to fit 5" or 6" compatible housings

Friction Blade 5" & 6" Kit (Included)

- For retrofit in 5" and 6" housings without torsion spring mounting tabs
- Friction blade design allows the SLD to be installed in any position within the housing aperture (360 degrees)

LED

- Linear LED arrays are integrated in trim perimeter
- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, 4000K
- Color Rendering Index (CRI): 90
- Lumens see Energy Data
- Lumen maintenance L70 at 50,000 hours

Electrical Connections

- Compatible with 3-1/2" x 2" and 4" x 1-1/2" deep round, square and octagon boxes (2-1/8" deep boxes recommended)
- Supply wire adapter with LED quick connector included
- JB models for use in junction boxes. May be used in recessed housings with accessory SLD6ACCKIT.

Recessed Housings

- LED connector is a non-screw base luminaire disconnect compatible with Halo 5" H550 series and 6" H750/H2750 series LED housings
- LED connector meets California Title 24 high efficacy luminaire standard as a non-screw base
- · E26 Edison screw base included

LED Driver

- Driver is a 120V input, high efficiency, dimmable electronic power supply providing DC power to the LED arrays
- Driver features high power factor, low THD, and has integral thermal protection in the event of over temperature or internal failure
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming

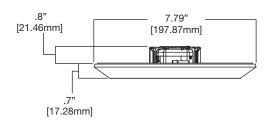
Designed for continuous dimming capability to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note, some dimmers require a neutral in the wallbox)

Compliance

- cULus Listed ceiling and wall
- cULus Listed damp location, ceiling and wall
- cULus Listed wet location, covered ceiling only (shower rated)
- Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5)
- May be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation
- May be installed in IC recessed housings in direct contact with insulation. Not for use in recessed housings in direct contact with spray foam insulation. (Refer to NEMA LSD 57-2013)
- UL Classified when used in retrofit with listed housings (See housing compatibility)
- EMI/RFI: meets FCC 47CFR Part 15 Class B limits, and is suitable for use in residential and commercial
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- 90 CRI (R9 > 50) can be used to comply with California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- 80 CRI can be used to comply with California Title 24 non-residential lighting controls requirements as a LED luminaire
- Can be used for International Energy Conservation Code (IECC) high efficacy luminaire compliance
- · ENERGY STAR® certified downlight surface retrofit
- · Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21

SLD6 - Universal Voltage Series





SLD612 - 1200 Series UNV, 120V-277V

5"/6" Surface LED Retrofit Module

The Halo Surface LED Downlight (SLD) incorporates WaveStream™ technology to create an ultra-low profile surface mounting luminaire with the performance and look of a traditional downlight. SLD6-1200 UNV series is designed for installation in many 4" x 2-1/8" deep square junction boxes. Accessory mounting kit allows retrofit in 5" and 6" IC and Non-IC recessed housings.* Suitable for residential or commercial installations. Ideal for closets, storage areas, attics and basements. Compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5).















Features

Mechanical

Die cast aluminum trim ring, and die formed aluminum frame

Optics

- WaveStream[™] technology provides uniform luminance from a low profile flat lens
- AccuAim™ optics provide directional control for the "coneof-light" beam distribution of a traditional downlight
- Precision molded lens features high transmission polymer with UV stabilized protecting film

Electrical Junction Box Mounting

- SLD may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation
- Suitable for installation in many 4" x 2-1/8" deep square electrical junction boxes
- Compatible with other junction boxes with accessory SLD6EXT extension spacer ring

Note: Driver consumes 3 cubic inches of junction box

 Surface mounting in a fire-rated ceiling using an appropriate electrical box offers a cost-effective alternative to fire-rated recessed housings

Note: Fire-rating is per the rating of the ceiling and applicable junction box, not the SLD

- Installer must ensure compatibility of fit, wiring and proper mounting in the electrical junction box.
 This includes all applicable national and local electrical and building codes.
- Proprietary Slot-N-Lock quick installation system for junction box installation
- · T-bracket with Slot-N-Lock mounting tabs included

Recessed Housing Mounting

- Accessory SLD6ACCKIT required for mounting in 5" and 6" enclosed recessed housings
- May be installed in IC recessed housings in direct contact with insulation

Note: Not for use in recessed housings in direct contact with spray foam insulation (Refer to NEMA LSD 57-2013)

 The SLD6 may be used with any 5 or 6 inch diameter recessed housing constructed of steel or aluminum with an internal volume that exceeds 107.9 in³

LED

- Linear LED arrays are integrated in trim perimeter
- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, 4000K
- Color Rendering Index (CRI): 90
- Lumens see Energy Data
- Lumen maintenance L70 at 50,000 hours

Electrical Connections

Junction Box

- Compatible with 4" x 2-1/8" deep square boxes
- Supply wire adapter with LED quick connector included
- LED connector is a non-screw base luminaire disconnect

Recessed Housings

- Accessory SLD6ACCKIT required
- LED connector is compatible with Halo 5" H550 series and 6" H750, H2750 series LED housings
- LED Connector meets California Title 24 high efficacy luminaire standard as a non-screw base

LED Driver

- Driver is a 120V-277V universal voltage input, high efficiency, dimmable electronic power supply providing DC power to the LED arrays
- Driver features high power factor, low THD, and has integral thermal protection in the event of over temperature or internal failure
- Driver is replaceable if it should be required
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming - Phase Control

- Designed for continuous dimming capability to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimmers with low end trim adjustment offer greater assurance of achieving 5% level.
- Consult dimmer manufacturer for compatibility and conditions of use. (Note some dimmers require a neutral in the wallbox)

Dimming - 0-10V

- Dimmable to 10% in typical operation with compatible 0-10V DC low voltage dimmers
- 0-10V DC dimmers operate using two low voltage dimming wires (color coded violet and gray). The low voltage dimming wires are separate from the 120V AC or 277V AC power.
- Switching on/off is via the line voltage (120V AC or 277V AC) power, and dimming is controlled via the 2-wire 0-10V DC wiring

Compliance

- cULus Listed ceiling and wall
- cULus Listed damp location, ceiling and wall
- cULus Listed wet location, covered ceiling only (shower rated)
- Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5)
- SLD may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation
- May be installed in IC recessed housings in direct contact with insulation. Not for use in recessed housings in direct contact with spray foam insulation. (Refer to NEMA LSD 57-2013)
- EMI/RFI: meets FCC 47CFR Part 15 Class B limits, and is suitable for use in residential and commercial installations
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- 90 CRI (R9 > 50) can be used to comply with California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- 80 CRI can be used to comply with California Title 24 non-residential lighting controls requirements as a LED luminaire
- Can be used for International Energy Conservation Code (IECC) high efficacy luminaire compliance
- ENERGY STAR® certified downlight surface retrofit
- · Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21

SLD6 - Universal Voltage Series

SLD6 600 & 1200 Series Ordering Information

Models		Color Rendering Index (CRI)	Color Temp	perature (CCT)	Finish	Voltage	JB Only
Standard (Includes hardware kits for junction box and recessed housing mounting)	SLD606 = 6" Surface LED downlight, 120V, 600 series SLD612 = 6" Surface LED downlight, 120V, 1200 series	9 = 90 CRI	27 = 2700K 30 = 3000K	35 = 3500K 40 = 4000K	WH = White	120V	
"JB" Models (Includes hardware kit for junction box mounting ONLY)	SLD606 = 6" Surface LED downlight, 120V, 600 series SLD612 = 6" Surface LED downlight, 120V, 1200 series	9 = 90 CRI	27 = 2700K 30 = 3000K	35 = 3500K 40 = 4000K	WH = White	120V	JB = ONLY junction jox hardware kit
"UNV" Models (120V-277V)	SLD612 = 6" Surface LED downlight, 120V-277V 1200 series	9 = 90 CRI	27 = 2700K 30 = 3000K	35 = 3500K 40 = 4000K	WH = White	UNV = Universal voltage 120V-277V (1200 series only)	JB = ONLY junction box hardware kit

Accessories (Order Separately)

Designer Trims

Fit over the SLD for a designer finish SLD6TRMWH = 6" SLD white (paintable) SLD6TRMSN = 6" SLD satin nickel SLD6TRMTBZ = 6" SLD tuscan bronze

*SLD accessory trims attach with permanent adhesion and are not interchangeable after installation





Replacement Parts Kit



SLD6ACCKIT

SLD6 Retrofit Kit - SLD6 screw base adapter. friction blades, torsion springs, ground wire, mounting screws, wire nuts



SLD6BRKT

SLD6 junction box mounting bracket and screws

Compatible Junction Boxes



Octagon - Steel 4" x 4" x 2-1/8" 4" x 4" x 1-1/2"



Round - Plastic 4" diameter x 2-3/16



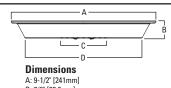
Square - Steel** 4" x 4" x 2-1/8"

Junction Box Space Extension Ring

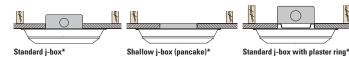
Adds 15/16" depth when the SLD driver cannot fit into a junction box



SLD6EXT = 6" Surface LED j-box extender, 9.5" OD



A: 9-1/2" [241mm] B: 7/8" [23.5mm] C: 3-7/8" [99mm] D: 8" [203mm]



Fire Rated Install*



^{*}For illustration ONLY - not for construction

Surface Box Adapter

Fits the SLD into a 4-inch round or octagon junction box mounted flat on a ceiling or beam surface (not recessed in the ceiling).

For 4-inch square junction boxes use SLD6RAD with the SLD6SADPLT square adapter plate.



SLD6SADPLT 6" SLD square surface i-box adapter plate (use with SLD6RAD)

SLD6RAD square j-box)



Dimensions

A: 4-1/2" [114mm] B: 3-3/4" [95mm] C: 1/2" [13mm] D: 7-7/8" [201mm]

6" SLD round surface j-box adapter (use SLD6SADPLT for

SLD6 Energy Data

600 Series	90 CRI			
Nominal Lumens (4000K)	780			
Input Voltage	120V			
Frequency	50/60 Hz			
Input Current	0.11 A			
Input Power	13.2 W			
Efficiency (4000K models)	59 lm/W			
THD	≤ 20%			
Power Factor	≥ 0.90			
T Ambient	-30 - +40°C			
Sound Rating	Class A			

1200 Series	90 CRI
Nominal Lumens (4000K)	1000
Input Voltage	120V
Frequency	50/60 Hz
Input Current	0.12 A
Input Power	14.8 W
Efficiency (4000K models)	68 lm/W
THD	≤ 20%
Power Factor	≥ 0.90
T Ambient	-30 - +40°C
Sound Rating	Class A

1200 Series	
Universal Voltage	90 CRI
Nominal Lumens (4000K)	1000
Input Voltage	120V-277V
Frequency	50/60 Hz
Input Current	0.12 A
Input Power	14.8 W
Efficiency (4000K models)	68 lm/W
THD	≤ 20%
Power Factor	≥ 0.90
T Ambient	-30 - +40°C
Sound Rating	Class A

^{**}Universal Voltage (UNV) SLD6-1200 for use in 4" square junction boxes only

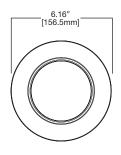
HLC4 Series



HLC4

4" Low-Profile LED Surface Mount

The Halo HLC4 is a low profile, surface mount luminaire that offers easy below the ceiling installation to save time and money. The HLC4 (4") is designed for installation in most 3-1/2" and 4" square, octagon, or round junction boxes. Supply wire adapter with LED quick wiring connector included.

















Features

Construction

Stamped aluminum housing and frame

Optics

- · Precision engineered optic provides uniform luminance from a low profile convex lens
- · Removable lens for easy install from below installation

LED

- · Backlit LED technology
- · Color Temperature options include: 3000K, or 4000K
- · 90 CRI is standard
- · L70 at 50,000 hours projected in accordance with TM-21

Driver

- Integral 120V 60Hz constant current driver provides virtually noise free operation.
- Continuous, flicker-free dimming from 100% to 10% with select leading or trailing edge 120V phase cut dimmers. See dimming guide.
- Dimming to 10% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note some dimmers require a neutral in the wallbox.)
- Inline electrical guick connect (provided) provides mains

Electrical Junction Box Mounting

- · HLC may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation
- · Install from below design
- Suitable for installation in many 3-1/2" and 4" octagon and round electrical junction boxes.
- · Compatible with compact (pancake) junction boxes
- · Installer must ensure compatibility of fit, wiring and proper mounting in the electrical junction box. This includes all applicable national and local electrical and building coded NEMA LSD 57-2013

Compliance

- UL certified for US and Canada
- · Damp Location listed
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements.
- EMI/RFI emissions per FCC 47CFR Part 15B
- · Contains no mercury or lead and RoHS compliant.
- · Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Can be used for State of California Title 24 high efficacy luminaire compliance, reference the California Energy Commission Title 20 Appliance Efficiency Database for current listings.
- Can be used for International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency Iuminaire Compliance
- ENERGY STAR® Certified luminaire consult ENERGY STAR® Certified Product List

HI C4 Engray Data

HLC4 Energy Data				
	90 CRI			
Lumens	700			
Input Voltage	120V			
Input Current	0.106 A			
Input Power	12.6 W			
Efficiency	60 (LPW)			
THD	≤ 20%			
Power Factor	≥ 0.90			
T Ambient	-40 - +40°C			
Sound Rating	≤ 20 dba			

HLC4 Series Ordering Information

Models	Lumens	Color Rendering Index (CRI)	Voltage	Finish	Packaging
HLC4 = 4" LED surface light	07 = 700 lumen series	930 = 90 CRI minimum, 3000K CCT	1E = 120V 60Hz, LE & TE phase	WH = Matte white baffle	-6BP = 6 bulk pack (not for individual resale
		940 = 90 CRI minimum, 4000K CCT	cut dimming		-12BP = 12 bulk pack (not for individual resale

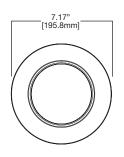
HLC6 Series



HLC₆

6" Low-Profile LED Surface Mount

The Halo HLC6 is a low profile, surface mount luminaire that offers easy below the ceiling installation to save time and money. The HLC6 (6") is designed for installation in most 3-1/2" and 4" square, octagon, or round junction boxes. Supply wire adapter with LED guick wiring connector included.



















Features

Construction

Stamped aluminum housing and frame

Optics

- Precision engineered optic provides uniform luminance from a low profile convex lens
- · Removable lens for easy install from below installation

LED

- Backlit LED technology
- · Color Temperature options include: 3000K, or 4000K
- 90 CRI is standard
- · L70 at 50,000 hours projected in accordance with TM-21

- · Integral 120V 60Hz constant current driver provides virtually noise free operation.
- Continuous, flicker-free dimming from 100% to 10% with select leading or trailing edge 120V phase cut dimmers. See dimming guide.
- Dimming to 10% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note some dimmers require a neutral in the wallbox.)
- Inline electrical guick connect (provided) provides mains

Electrical Junction Box Mounting

- HLC may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation
- · Install from below design
- Suitable for installation in many 3-1/2" and 4" octagon and round electrical junction boxes.
- · Compatible with compact (pancake) junction boxes
- Installer must ensure compatibility of fit, wiring and proper mounting in the electrical junction box. This includes all applicable national and local electrical and building coded NEMA LSD 57-2013

Compliance

- UL certified for US and Canada
- · Damp Location listed
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements.
- EMI/RFI emissions per FCC 47CFR Part 15B
- · Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Can be used for State of California Title 24 high efficacy luminaire compliance, reference the California Energy Commission Title 20 Appliance Efficiency Database for current listings.
- Can be used for International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency Iuminaire Compliance
- ENERGY STAR® Certified luminaire consult ENERGY STAR® Certified Product List

HI C6 Engray Data

nlco Energy Data				
	90 CRI			
Lumens	900			
Input Voltage	120V			
Input Current	0.133 A			
Input Power	15.7 W			
Efficiency	58.8 (LPW)			
THD	≤ 20%			
Power Factor	≥ 0.90			
T Ambient	-40 - +40°C			
Sound Rating	≤ 20 dba			

HLC6 Series Ordering Information

Models	Lumens	Color Rendering Index (CRI)	Voltage	Finish	Packaging
HLC6 = 6" LED surface light	09 = 900 lumen series	930 = 90 CRI minimum, 3000K CCT 940 = 90 CRI minimum, 4000K CCT	1E = 120V 60Hz, LE & TE phase cut dimming	WH = Matte white baffle	-6BP = 6 bulk pack (not for individual resale -12BP = 12 bulk pack (not for individual resale



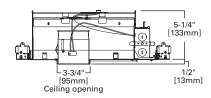
H3 Series - GU10 IC Housing

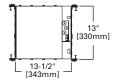
H36ICAT



3" IC, Air-Tite, Shallow New Construction, 120V

H36ICAT is a shallow IC, Air-Tite™ housing for use with H3 3" series trims. Housing is Air-Tite to restrict airflow between conditioned spaces and unconditioned areas. For use with 120V GU10 lamps. H36ICAT is IC rated and may be used in insulated ceilings and may be covered with insulation*.









Special Features

Air-Tite[™] code compliant Got Nail™ bar hangers Slide-N-Side™ junction box Pass-N-Thru[™] bars Quick Connect™ push wire nuts

Compatible Trims

3001	3004	3008	3011	3017
3002	3006	3009	3012	3020
3003	3007	3010	3013	

Features

Housing

Double wall aluminum construction, shallow height

Plaster Frame

Housing adjusts in plaster frame to accommodate up to 1-1/2" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- · HALO name embossed on plaster frame
- The housing may be removed from plaster frame to provide access to the junction box
- · Pre-installed Air-Tite gasket

Includes:

- Air-Tite™ code compliant (Details Pg. 11)
- Got Nail!™ bar hangers (Details Pg. 11)
- Slide-N-Side[™] junction box wire traps (Details Pg. 11)
- Pass-N-Thru[™] bars (Details Pg. 11)
- Quick Connect™ push wire nuts (Details Pg. 11)

GU10 socket for 120V GU10 lamps

Accessory

Z28 Lamp: 120V, GU10, reflector lamp

Compliances

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

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^{*}Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

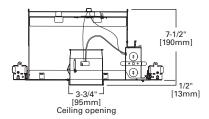
H3 Series - GU10 IC Housing

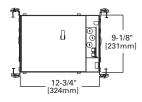
H38ICAT



3" IC, Air-Tite, New Construction, 120V

H38ICAT is an IC, Air-Tite™ housing for use with H3 3" series trims. Housing is Air-Tite to restrict airflow between conditioned spaces and unconditioned areas. For use with 120V GU10 lamps. H38ICAT is IC rated and may be used in insulated ceilings and may be covered with insulation*.









Special Features

Air-lite code compilant
Got Nail™ bar hangers
Slide-N-Side [™] junction box
Pass-N-Thru [™] bars
Ouick Connect™ nuch wire nu

Compatible Trims

3001	3005	3009	3013	3018
3002	3006	3010	3014	3019
3003	3007	3011	3016	3020
3004	3008	3012	3017	

Features

Housing

Double wall aluminum construction

Plaster Frame

Housing adjusts in plaster frame to accommodate up to 1-1/2" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- · Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- · HALO name embossed on plaster frame
- The housing may be removed from plaster frame to provide access to the junction box
- · Pre-installed Air-Tite gasket

Includes:

- Air-Tite[™] code compliant (Details Pg. 11)
- Got Nail!™ bar hangers (Details Pg. 11)
- Slide-N-Side™ junction box wire traps (Details Pg. 11)
- Pass-N-Thru[™] bars (Details Pg. 11)
- Quick Connect™ push wire nuts (Details Pg. 11)

GU10 socket for 120V GU10 lamps

Accessory

Z28 Lamp: 120V, GU10, reflector lamp

Compliances

- · cULus Listed 1598 luminaire
- · cULus Listed damp location
- · cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for direct contact with insulation and combustible material*
- · Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- · RoHS compliant

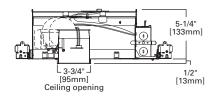
^{*}Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

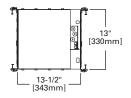
H36LVICAT



3" IC, Air-Tite, Shallow New Construction, 120V - 12V Low Voltage, MR16

H36LVICAT is a shallow IC, Air-Tite[™] housing for use with H3 3" series trims. Housing is Air-Tite to restrict airflow between conditioned spaces and unconditioned areas. For use with 12V MR16 lamps. H36LVICAT is IC rated and may be used in insulated ceilings and may be covered with insulation*.









Special Features

Air-Tite[™] code compliant Got Nail™ bar hangers Slide-N-Side™ junction box Pass-N-Thru[™] bars Quick Connect™ push wire nuts

Compatible Trims

3001	3004	3008	3011	3017
3002	3006	3009	3012	3020
3003	3007	3010	3013	

Features

IC and Air-Tite™ rated double wall aluminum construction shallow height

Plaster Frame

Housing adjusts in plaster frame to accommodate up to 1-1/2" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars
- · Cutouts for easily crimping hanger bars in position
- HALO name embossed on plaster frame
- The housing may be removed from plaster frame to provide access to the junction box
- · Pre-installed Air-Tite gasket

Includes:

- Air-Tite[™] code compliant (Details Pg. 11)
- Got Nail!™ bar hangers (Details Pg. 11)
- Slide-N-Side™ junction box wire traps (Details Pg. 11)
- Pass-N-Thru[™] bars (Details Pg. 11)
- Quick Connect[™] push wire nuts (Details Pg. 11)

Transformer

Integral magnetic transformer steps 120V line voltage down to 12V lamp operating voltage. Rated for MR16 lamps, 50W max.

Socket

GU 5.3 socket for 12V MR16 lamps

Compliances

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- · Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

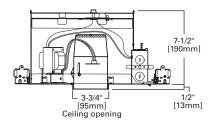
*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

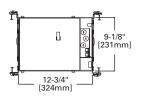




3" IC, Air-Tite, New Construction, 120V – 12V Low Voltage, MR16

H38LVICAT is an IC, Air-Tite™ housing for use with H3 3" series trims. Housing is Air-Tite to restrict airflow between conditioned spaces and unconditioned areas. For use with 12V MR16 lamps. H38LVICAT is IC rated and may be used in insulated ceilings and may be covered with insulation*.









Special Features

Air-Tite™ code compliant
Got Nai™ bar hangers
Slide-N-Side™ junction box
Pass-N-Thru™ bars
Quick Connect™ push wire nuts

Compatible Trims

3004	3008	3011	3017
3006	3009	3012	3020
3007	3010	3013	
	3006	3006 3009	3006 3009 3012

Features

H38LVICAT

Housing

IC and Air-Tite™ rated double wall aluminum construction shallow height

Plaster Frame

Housing adjusts in plaster frame to accommodate up to 1-1/2" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- · HALO name embossed on plaster frame
- The housing may be removed from plaster frame to provide access to the junction box
- Pre-installed Air-Tite gasket

Includes:

- Air-Tite[™] code compliant (Details Pg. 11)
- Got Nail!™ bar hangers (Details Pg. 11)
- Slide-N-Side™ junction box wire traps (Details Pg. 11)
- Pass-N-Thru[™] bars (Details Pg. 11)
- Quick Connect[™] push wire nuts (Details Pg. 11)

Transformer

Integral magnetic transformer steps 120V line voltage down to 12V lamp operating voltage. Rated for MR16 lamps, 50W max.

Socket

GU 5.3 socket for 12V MR16 lamps

Compliances

- · cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

^{*}Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013) $\,$

H3 Series Trims

IC Housings: H36ICAT • H38ICAT • H36LVICAT • H38LVICAT

Reflectors·····

3004 Adjustable Reflector

- · Die cast trim ring with reflector
- · For general illumination
- 35° tilt, 360° orientation within housing

Lamp

120V GU10 50W H36ICAT H38ICAT

12V MR16 50W

H36LVICAT

H38LVICAT



3004WHW White Reflector, White Trim



3004WHC Clear Reflector, White Trim



3004WHH Haze Reflector, White Trim



Satin Nickel Reflector, Satin Nickel Trim



Tuscan Bronze Reflector, Tuscan Bronze Trim





Dimensions** A: 2" [51mm] RD: 3" [75mm] CO: 3-3/4" [95mm]

OD: 4-1/4" [108mm]

3003 Adjustable Coilex® Baffle

- Die cast trim ring with machined metal Coilex baffle
- For general illumination
- 35° tilt, 360° orientation within housing







3003WHBB White Coilex Baffle, White Trim Black Coilex Baffle, White Trim Black Coilex Baffle, Black Trim



3003BKBB



3003SNB Satin Nickel Coilex Baffle, Satin Nickel Trim



3003TBZB Tuscan Bronze Coilex Baffle. Tuscan Bronze Trim





Dimensions** A: 2" [51mm] BD: 3" [75mm] CO: 3-3/4" [95mm] OD: 4-1/4" [180mm]

3011 Square Adjustable Baffle

- Die cast trim ring with metal baffle
- For general illumination
- 15° tilt, 350° integral lamp holder rotation with locking thumbscrew

Lamp 120V GU10 50W 12V MR16 50W H36ICAT H36LVICAT Housing H38ICAT

12V MR16 37W Lamp Housing H38LVICAT



3011WHWB White Baffle, White Trim



3011WHBB Black Baffle, White Trim



3011BKBB Black Baffle, Black Trim



3011SNBB Black Baffle, Satin Nickel Trim



3011TBZBB Black Baffle, Tuscan Bronze Trim





Dimensions** A: 1-7/8" [48mm] BD: 2-1/4" [57mm] CO (Round): 3-3/4" [95mm] OD: 4-1/4" [108mm]

^{**}Key: A: Luminous Aperture, RD/BD: Reflector/Baffle Diameter, CO: Ceiling Opening, OD: Trim Outside Diameter

IC Housings: H36ICAT • H38ICAT • H36LVICAT • H38LVICAT

3009 Adjustable Gimbal - 35° Tilt

- · Die cast trim ring with die cast gimbal
- · For directional accent lighting
- 35° tilt, 15° negative tilt, 360° gimbal orientation and trim within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36ICAT H38ICAT	H36LVICAT H38LVICAT



White Baffle, White Gimbal

Black Baffle, Tuscan Bronze Gimbal





Black Baffle, White Gimbal



Black Baffle, Black Gimbal

Black Baffle, Satin Nickel Gimbal





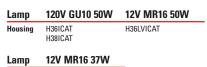


Dimensions** A: 1-3/4" [45mm] BD: 2" [51mm] G: 2-3/4" [70mm] CO: 3-3/4" [95mm] OD: 4-1/4"[108mm]

3009TBZBB

3010 Super Adjustable - 0-75° Adjustment

- · Die cast trim ring and adjustable lamp sleeve · For directional accent lighting
- · Integral nylon ball bearings and silicone guides protect finish
- 0-75° tilt, 360° orientation within housing
- · Front-loading, turn-lock lamp access





3010WH White Baffle, White Trim



3010SN Satin Nickel Baffle, Satin Nickel Trim





Dimensions** A: 1-3/4" [45mm] Adj. Dia.: 2-3/8" [60mm] BD: 2-1/2" [64mm] CO: 3-3/4" [95mm] OD: 4-1/4" [108mm]

Pull Down / Adjustment



3013 Square Adjustable Gimbal

- · Die cast trim ring with die cast gimbal
- · For accent and task lighting

H38LVICAT

Housing

H38LVICAT

Housing

- 35° positive tilt, 15° negative tilt, 360° orientation within housing
- · Front-loading, snap-in lamp access face plate

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36ICAT H38ICAT	H36LVICAT
Lamp	12V MR16 37W	



White

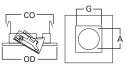


3013SN Satin Nickel



3013TBZ Tuscan Bronze





Dimensions** A: 1-3/4" [45mm] G: 2-1/4" [57mm] CO (Round): 3-3/4" [95mm] OD (Square): 4-1/4" [108mm

H3 Series Trims

IC Housings: H36ICAT • H38ICAT • H36LVICAT • H38LVICAT

Lenses & Wet Location Showerlights...

3007 Regressed Lens Adjustable Reflector



- · Die cast trim ring: TBZ models
- Non-conductive & non-corrosive polymer trim ring: WHC, PCC, SN models
- Regressed clear lens
- · For general illumination
- Wet location listed for showers
- 15° tilt, 360° orientation within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36ICAT H38ICAT	H36LVICAT

12V MR16 37W Housing H38LVICAT



3007WHC Specular Clear Reflector, White Trim



3007PCC Specular Clear Reflector, Polished Chrome Trim



3007SN Satin Nickel Reflector, Satin Nickel Trim



3007TBZ Tuscan Bronze Reflector, Tuscan Bronze Trim





Dimensions** A: 2" [51mm] RD: 3" [75mm] CO: 3-3/4" [95mm] OD: 4-1/4" [108mm]

3008 Frosted Glass Perimeter Lens

- Non-conductive & non-corrosive polymer trim ring
- Glass lens with frosted perimeter
- · Clear specular upper reflector
- Wet location listed for showers, "Dead-Front"
- 360° orientation within housing



12V MR16 37W Lamp H38LVICAT Housing



3008FG Frosted Glass Perimeter Lens, White Trim





Dimensions** A: 1-7/8" [48mm] RD: 2-9/16" [65mm] CO: 3-3/4" [95mm] OD: 4-1/4" [108mm]

3012 Square Regressed Lens Adjustable Baffle

- · Die cast trim ring with metal baffle
- · For general illumination
- 15° tilt, 360° integral lamp holder rotation with locking thumbscrew
- Wet location listed for showers

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36ICAT H38ICAT	H36LVICAT

12V MR16 37W Housing H38LVICAT



3012WHWB White Baffle, White Trim



3012WHBB Black Baffle, White Trim





Black Baffle, Black Trim



3012SNBB Black Baffle, Satin Nickel Trim

3012TR7RR Black Baffle, Tuscan Bronze Trim





Dimensions** A: 1-7/8" [48mm] BD: 2-1/4" [57mm] CO (Round): 3-3/4" [95mm] OD: 4-1/4" [108mm]

3017 Decorative Low-Profile Glass Curve

- · Die cast construction and decorative glass element
- Frost glass perimeter with clear glass center
- Wet location listed for showers



12V MR16 37W Lamp Housing H38LVICAT

H38ICAT

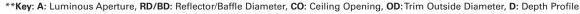


3017FGS Frost Glass Curve





Dimensions** A: 1-1/2" [39mm] D: 1/2" [13mm] CO: 3-3/4" [95mm] OD: 4-1/4" [108mm



IC Housings: H36ICAT • H38ICAT • H36LVICAT • H38LVICAT

Pinhole, Slot & Wall Wash · · · ·

3001 Adjustable Pinhole Baffle

- . Die cast trim ring with black oculus and machined metal baffle
- · For concentrated accent lighting
- 15° tilt, 360° orientation within housing

120V GU10 50W 12V MR16 50W Lamp H36ICAT H38ICAT Housing H36LVICAT

12V MR16 37W Lamp Housing H38LVICAT









3001WHWB 3001WHBB White Baffle, White Trim Black Baffle, White Trim



3001TBZBB Black Baffle, Tuscan Bronze Trim

Black Baffle, Satin Nickel Trim Black Baffle, Black Trim

Dimensions** A: 1-5/8" [41mm], CO: 3-3/4" [95mm], OD: 4-1/4" [108mm]

3001BKBB

3002 Adjustable Pinhole Reflector

- Die cast trim ring with black oculus and clear specular reflector
- For concentrated accent lighting
- 15° tilt, 360° orientation within housing



12V MR16 37W Lamp Housing H38LVICAT



3002WHC

Clear Reflector, White Trim





Dimensions** A: 1-5/8" [41mm], CO: 3-3/4" [95mm], OD: 4-1/4" [108mm]

3006 Adjustable Slot Aperture

- · Die cast trim ring with metal black baffle
- · For directional illumination
- 35° tilt, 360° orientation within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36ICAT H38ICAT	H36LVICAT

Lamp 12V MR16 37W Housing H38LVICAT



3006WHBB Black Baffle, White Trim



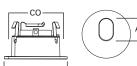
3006SNBB Black Baffle, Satin Nickel Trim Black Baffle, Black Trim



3006BKBB



3006TBZBB Black Baffle. Tuscan Bronze Trim



Dimensions** A: 1-5/8" [41mm] CO: 3-3/4" [95mm] OD: 4-1/4" [108mm]

3020 Wall Wash Downlight

- · Die cast trim ring
- · Integral wall wash reflector
- · 360° orientation within housing
- For a subtle grazing light effect on cabinet faces along with a direct downlight on counter tops or similar applications

Lamp 120V GU10 50W 12V MR16 50W Housing H36ICAT H36LVICAT H38ICAT

12V MR16 37W Lamp H38LVICAT Housing



Wall Wash Downlight with White Trim Ring





Dimensions** A: 1-9/16" [40mm] CO: 3-3/4" [95mm] OD: 4-1/4" [108mm]

**Key: A: Luminous Aperture, CO: Ceiling Opening, OD: Trim Outside Diameter

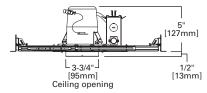
H3 Series - GU10 Non-IC Housing

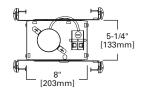
H36TAT



3" Non-IC, Air-Tite, Shallow New Construction, 120V

H36TAT is a Non-IC, Air-Tite[™] housing for use with H3 3" series trims. Housing is Air-Tite to restrict airflow between conditioned spaces and unconditioned areas. For use with 120V GU10 lamps. Non-IC housing is Air-Tite[™] but insulation must be kept 3 inches away from all sides of housing.









Special Features

Air-Tite™ code compliant Got Nail™ bar hangers Slide-N-Side™ junction box Pass-N-Thru™ bars Quick Connect™ push wire nuts

Compatible Trims

3001	3004	3008	3011	3017
3002	3006	3009	3012	3020
3003	3007	3010	3013	

Features

Housing

Formed of CRS with white powder coat finish

Plaster Frame

Housing adjusts in plaster frame to accommodate up to 1-1/2" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- · Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- HALO name embossed on plaster frame
- The housing may be removed from plaster frame to provide access to the junction box
- Pre-installed Air-Tite gasket

Includes:

- Air-Tite[™] code compliant (Details Pg. 11)
- Got Nail![™] bar hangers (Details Pg. 11)
- Slide-N-Side[™] junction box wire traps (Details Pg. 11)
- Pass-N-Thru[™] bars (Details Pg. 11)
- Quick Connect[™] push wire nuts (Details Pg. 11)

Socket

GU10 socket for 120V GU10 lamps

Accessory

Z28 Lamp: 120V, GU10, reflector lamp

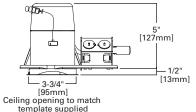
Compliances

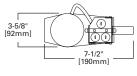
- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- · RoHS compliant

H3 Series - GU10 Non-IC Housing

H36RTAT







3" Non-IC, Air-Tite, Shallow Remodel, 120V

H36RTAT is a Non-IC, Air-Tite™ remodel housing for use with H3 3" series trims. For installation from below the ceiling. Housing is Air-Tite to restrict airflow between conditioned spaces and unconditioned areas. For use with 120V GU10 lamps. Non-IC housing is Air-Tite™ but insulation must be kept 3 inches away from all sides of housing.

c UL us air

Special Features

Air-Tite™ code compliant Quick Connect™ push wire nuts

Compatible Trims

3001	3004	3008	3011	3017
3002	3006	3009	3012	3020
3003	3007	3010	3013	

Features

Housing

Formed of CRS with white powder coat finish

Remodel Plaster Frame

"Easy clip" provided to secure plaster frame in ceiling while installation is being completed. Adjustable cam-locks provide positive lock of housing to plaster frame to complete housing installation.

Includes:

- Air-Tite[™] code compliant (Details Pg. 11)
- Quick Connect[™] push wire nuts (Details Pg. 11)

Socket

GU10 socket for 120V GU10 lamps

Accessory

Z28 Lamp: 120V, GU10, reflector lamp

Compliances

- · cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

Remodel Housing Installation



Cut hole in ceiling using template supplied



Bring power to fixture using non metallic sheathed cable or flexible metal cable (per local code)



The Slide-N-Side™ wire trap lets you make all wiring connections outside the junction box



Slide cable into Slide-N-Side™ wire trap and close junction box cover



Insert plaster frame into ceiling opening



Support clip keeps plaster frame in place during rest of installation



Insert housing into position and align slots in housing wall with indicator label on inside of plaster frame opening (bottom of cam lock spring blades should be positioned on flat area of the plaster frame). Then secure in position with cam locks.



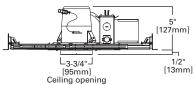
Install lamp and insert trim to complete installation

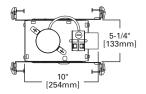
H36LVTAT



3" Non-IC, Air-Tite, Shallow New Construction, 120V – 12V Low Voltage, MR16

H36LVTAT is a Non-IC, Air-Tite™ housing for use with H3 3" series trims. Housing is Air-Tite to restrict airflow between conditioned spaces and unconditioned areas. For use with 12V MR16 lamps. Non-IC housing is Air-Tite™ but insulation must be kept 3 inches away from all sides of housing.









Special Features

Air-Tite™ code compliant Got Nail™ bar hangers Slide-N-Side™ junction box Pass-N-Thru™ bars Quick Connect™ push wire nuts

Compatible Trims

3004	3008	3011	3017
3006	3009	3012	3020
3007	3010	3013	
	3006	3006 3009	3006 3009 3012

Features

Housing

Formed of CRS with white powder coat finish

Plaster Frame

Housing adjusts in plaster frame to accommodate up to 1-1/2" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- · Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- HALO name embossed on plaster frame
- The housing may be removed from plaster frame to provide access to the junction box
- Pre-installed Air-Tite gasket

Includes:

- Air-Tite[™] code compliant (Details Pg. 11)
- Got Nail![™] bar hangers (Details Pg. 11)
- Slide-N-Side™ junction box wire traps (Details Pg. 11)
- Pass-N-Thru™ bars (Details Pg. 11)
- Quick Connect[™] push wire nuts (Details Pg. 11)

Transformer

Integral magnetic transformer steps 120V line voltage down to 12V lamp operating voltage. Rated for MR16 lamps, 50W max.

Socket

GU5.3 socket for 12V MR16 lamps

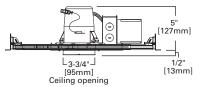
Compliances

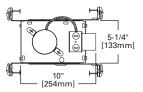
- · cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

3 INCH

H36LVTATCP







H36LVTATCP

3" Non-IC, Air-Tite, Shallow New Construction, Chicago Plenum, 120V – 12V Low Voltage, MR16

H36LVTATCP is a Non-IC, Air-Tite, housing designed for non-insulated Chicago Plenum ceilings. For use with 12V MR16 lamps. Non-IC housing requires insulation must be kept 3 inches away from all sides of housing.







Special Features

Air-Tite™ code compliant Got Nail™ bar hangers Pass-N-Thru™ bars Quick Connect™ push wire nuts Chicago Plenum

Compatible Trims

3001	3004	3008	3011	3017
3002	3006	3009	3012	3020
3003	3007	3010	3013	

Features

Housing

Formed of CRS with white powder coat finish

Plaster Frame

Housing adjusts in plaster frame to accommodate up to 1-1/2" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- · Regressed locking screw for securing hanger bars
- · Cutouts for easily crimping hanger bars in position
- HALO name embossed on plaster frame
- The housing may be removed from plaster frame to provide access to the junction box
- · Pre-installed Air-Tite gasket

Includes:

- Air-Tite[™] code compliant (Details Pg. 11)
- Got Nail!™ bar hangers (Details Pg. 11)
- Pass-N-Thru[™] bars (Details Pg. 11)
- Quick Connect[™] push wire nuts (Details Pg. 11)
- Chicago Plenum

Transformer

Integral magnetic transformer steps 120V line voltage down to 12V lamp operating voltage. Rated for MR16 lamps, 50W max.

Socket

GU5.3 socket for 12V MR16 lamps

Compliances

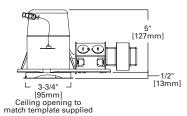
- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- · RoHS compliant
- City of Chicago Plenum

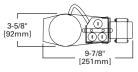
H36LVRTAT



3" Non-IC, Air-Tite, Shallow Remodel, 120V – 12V Low Voltage, MR16

H36LVRTAT is a Non-IC, Air-Tite™ remodel housing for use with H3 3" series trims. For installation from below the ceiling. Housing is Air-Tite to restrict airflow between conditioned spaces and unconditioned areas. For use with 12V MR16 lamps. Non-IC housing is Air-Tite™ but insulation must be kept 3 inches away from all sides of housing.









Special Features

Air-Tite™ code compliant Quick Connect™ push wire nuts

Compatible Trims

3001	3004	3008	3011	3017
3002	3006	3009	3012	3020
3003	3007	3010	3013	

Features

Housing

Formed of CRS with white powder coat finish

Remodel Plaster Frame

"Easy clip" provided to secure plaster frame in ceiling while installation is being completed. Adjustable cam-locks provide positive lock of housing to plaster frame to complete housing installation.

Includes:

- Air-Tite[™] code compliant (Details Pg. 11)
- Quick Connect[™] push wire nuts (Details Pg. 11)

Transformer

Integral magnetic transformer steps 120V line voltage down to 12V lamp operating voltage. Rated for MR16 lamps, 50W max.

Socket

GU5.3 socket for 12V MR16 lamps

Compliances

- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- · RoHS compliant

Remodel Housing Installation



Cut hole in ceiling using template supplied



Bring power to fixture using non metallic sheathed cable or flexible metal cable (per local code)



The Slide-N-Side™ wire trap lets you make all wiring connections outside the junction box



Slide cable into Slide-N-Side™ wire trap and close junction box cover



Insert plaster frame into ceiling opening



Support clip keeps plaster frame in place during rest of installation



Insert housing into position and align slots in housing wall with indicator label on inside of plaster frame opening (bottom of cam lock spring blades should be positioned on flat area of the plaster frame). Then secure in position with cam locks.

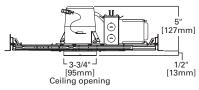


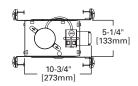
Install lamp and insert trim to complete installation

3 INCH

H36LVTAT277







H36LVTAT277

3" Non-IC, Air-Tite, Shallow New Construction, 120/277V – 12V Low Voltage, MR16

H36LVTAT277 is a Non-IC, Air-Tite™ housing for use with H3 3" series trims. Housing is Air-Tite to restrict airflow between conditioned spaces and unconditioned areas. For use with 12V MR16 lamps. H36LVTAT277 features integral 120/277 dual-tap transformer. For use with 12V MR16 lamps. Designed for installation in 120 or 277V electrical systems. Non-IC housing is Air-Tite™ but insulation must be kept 3 inches away from all sides of housing.

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Special Features

Air-Tite [™] code compliant
Got Nail!™ bar hangers
Slide-N-Side [™] junction box
Pass-N-Thru [™] bars
Quick Connect [™] push wire nuts

Compatible Trims

3001	3004	3008	3011	3017
3002	3006	3009	3012	3020
3003	3007	3010	3013	

Features

Housing

Formed of 20 gauge CRS with white powder coat finish

Plaster Frame

Housing adjusts in plaster frame to accommodate up to 1-1/2" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- · HALO name embossed on plaster frame
- The housing may be removed from plaster frame to provide access to the junction box
- · Pre-installed Air-Tite gasket

Includes:

- Air-Tite[™] code compliant (Details Pg. 11)
- Got Nail![™] bar hangers (Details Pg. 11)
- Slide-N-Side™ junction box wire traps (Details Pg. 11)
- Pass-N-Thru™ bars (Details Pg. 11)
- Quick Connect[™] push wire nuts (Details Pg. 11)

Transformer

Integral 120/277V dual-tap magnetic transformer steps line voltage down to 12V nominal MR16 lamp operating voltage. Rated for 50W max. Housing ships as 277V model with 120V transformer wire lead capped. For use in 120V systems, simply cap the 277V wire lead and use 120V lead (refer to instructions supplied with housing).

Socket

GU5.3 socket for 12V MR16 lamps

Compliances

- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

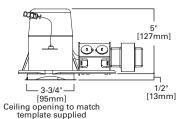
H36LVRTAT277

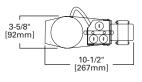


3" Non-IC, Air-Tite, Shallow Remodel, 120/277V – 12V Low Voltage, MR16

H36LVRTAT277 is a Non-IC, Air-Tite™ housing for use with H3 3" series trims. For installation from below the ceiling. Housing is Air-Tite to restrict airflow between conditioned spaces and unconditioned areas. H36LVRTAT277 features integral 120/277 dualtap transformer. For use with 12V MR16 lamps. Designed for installation in 120 or 277V electrical systems.

Non-IC housing is Air-Tite $^{\text{m}}$ but insulation must be kept 3 inches away from all sides of housing.









Special Features

Air-Tite™ code compliant Quick Connect™ push wire nuts

Compatible Trims

3001	3004	3008	3011	3017
3002	3006	3009	3012	3020
3003	3007	3010	3013	

Features

Housing

Formed of CRS with white powder coat finish

Remodel Plaster Frame

"Easy clip" provided to secure plaster frame in ceiling while installation is being completed. Adjustable cam-locks provide positive lock of housing to plaster frame to complete housing installation.

Includes

- Air-Tite[™] code compliant (Details Pg. 11)
- Quick Connect[™] push wire nuts (Details Pg. 11)

Transformer

Integral 120/277V dual-tap magnetic transformer steps line voltage down to 12V nominal MR16 lamp operating voltage. Rated for 50W max. Housing ships as 277V model with 120V transformer wire lead capped. For use in 120V systems, simply cap the 277V wire lead and use 120V lead (refer to instructions supplied with housing).

Socket

GU5.3 socket for 12V MR16 lamps

Compliances

- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- · RoHS compliant

Remodel Housing Installation



Cut hole in ceiling using template supplied



Bring power to fixture using non metallic sheathed cable or flexible metal cable (per local code)



The Slide-N-Side™ wire trap lets you make all wiring connections outside the junction box



Slide cable into Slide-N-Side™ wire trap and close junction box cover



Insert plaster frame into ceiling opening



Support clip keeps plaster frame in place during rest of installation



Insert housing into position and align slots in housing wall with indicator label on inside of plaster frame opening (bottom of cam lock spring blades should be positioned on flat area of the plaster frame). Then secure in position with



Install lamp and insert trim to complete installation

Non-IC Housings: H36TAT • H36RTAT • H36LVTAT • H36LVTATCP • H36LVRTAT • H36LVTAT277 • H36LVRTAT277

Reflectors····

3004 Adjustable Reflector

- · Die cast trim ring with reflector
- For general illumination
- 35° tilt, 360° orientation within housing

Lamp	120V GU10 50W	12V MR16 5
Housing	H36RTAT	H36LVRTAT
	H36TAT	H36LVRTAT277
		H36LVTAT
		H36LVTAT277
		H36LVTATCP



3004WHW White Reflector, White Trim

Tuscan Bronze Reflector, Tuscan Bronze Trim

50W



3004WHC Clear Reflector, White Trim



3004WHH Haze Reflector, White Trim



3004SN Satin Nickel Reflector, Satin Nickel Trim





Dimensions** A: 2" [51mm] RD: 3" [75mm] CO: 3-3/4" [95mm] OD: 4-1/4" [108mm]

Baffles·····

3003 Adjustable Coilex® Baffle

- Die cast trim ring with machined metal Coilex baffle
- For general illumination
- 35° tilt, 360° orientation within housing

Lamp	120V GU10 50W	12V MR16 50V
Housing	H36RTAT	H36LVRTAT
•	H36TAT	H36LVRTAT277
		H36LVTAT
		H36LVTAT277
		H36LVTATCP





3003WHBB White Coilex Baffle, White Trim Black Coilex Baffle, White Trim Black Coilex Baffle, Black Trim



3003BKBB



Satin Nickel Coilex Baffle, Satin Nickel Trim



3003TBZB Tuscan Bronze Coilex Baffle, Tuscan Bronze Trim





Dimensions** A: 2" [51mm] BD: 3" [75mm] CO: 3-3/4" [95mm] OD: 4-1/4" [180mm]

3011 Square Adjustable Baffle

- · Die cast trim ring with metal baffle
- For general illumination
- 15° tilt, 350° integral lamp holder rotation with locking thumbscrew

Lamp	120V GU10 50W	12V MR16 50V
Housing	H36RTAT	H36LVRTAT
	H36TAT	H36LVRTAT277
		H36LVTAT
		H36LVTAT277
		H36I VTATCP



3011WHWB White Baffle, White Trim



3011TBZBB Black Baffle, Tuscan Bronze Trim



3011WHBB Black Baffle, White Trim



3011BKBB

Black Baffle, Black Trim



3011SNBB Black Baffle, Satin Nickel Trim

Dimensions** A: 1-7/8" [48mm] BD: 2-1/4" [57mm] CO (Round): 3-3/4" [95mm] OD: 4-1/4" [108mm]

^{**}Key: A: Luminous Aperture, RD/BD: Reflector/Baffle Diameter, CO: Ceiling Opening, OD: Trim Outside Diameter

H3 Series Trims

Non IC Housings: H36TAT • H36LVTAT • H36LVTAT • H36LVTATCP • H36LVRTAT • H36LVTAT277 • H36LVRTAT277

Adjustable – Eyeballs & Gimbals · · · · · · ·

3009 Adjustable Gimbal - 35° Tilt

- · Die cast trim ring with die cast gimbal
- · For directional accent lighting
- 35° tilt, 15° negative tilt, 360° gimbal orientation and trim within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36RTAT	H36LVRTAT
	H36TAT	H36LVRTAT277
		H36LVTAT
		H36LVTAT277
		H36LVTATCP



White Baffle, White Gimbal

3009TBZBB

3009WHWB

Black Baffle, Tuscan Bronze Gimbal



3009WHBB Black Baffle, White Gimbal



3009BKBB Black Baffle, Black Gimbal



3009SNBB









3010 Super Adjustable - 0-75° Adjustment

- Die cast trim ring and adjustable lamp sleeve
- For directional accent lighting
- Integral nylon ball bearings and silicone guides protect finish
- 0-75° tilt, 360° orientation within housing
- · Front-loading, turn-lock lamp access

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36RTAT H36TAT	H36LVRTAT H36LVRTAT277 H36LVTAT H36LVTAT277 H36LVTATCP



3010WH White Baffle, White Trim



Satin Nickel Baffle, Satin Nickel Trim





Dimensions** A: 1-3/4" [45mm] Adj. Dia.: 2-3/8" [60mm] BD: 2-1/2" [64mm] CO: 3-3/4" [95mm] OD: 4-1/4" [108mm]

Pull Down / Adjustment



3013 Square Adjustable Gimbal

- Die cast trim ring with die cast gimbal
- · For accent and task lighting
- 35° positive tilt, 15° negative tilt, 360° orientation within housing
- · Front-loading, snap-in lamp access face plate

Lamp	120V GU10 50W	12V MR16 50V
Housing	H36RTAT	H36LVRTAT
	H36TAT	H36LVRTAT277
		H36LVTAT
		H36LVTAT277
		H36LVTATCP



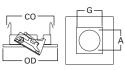
3013WH White



3013SN Satin Nickel



3013TBZ Tuscan Bronze



3013BK Black

Dimensions** A: 1-3/4" [45mm] G: 2-1/4" [57mm] CO (Round): 3-3/4" [95mm] OD (Square): 4-1/4" [108mm]

^{**}Key: A: Luminous Aperture, RD/BD: Reflector/Baffle Diameter, CO: Ceiling Opening, OD: Trim Outside Diameter, G: Gimbal Outside Diameter

Non-IC Housings: H36TAT • H36RTAT • H36LVTAT • H36LVTATCP • H36LVRTAT • H36LVTAT277 • H36LVRTAT277

Lenses & Wet Location Showerlights · · · · ·

H36LVTAT

H36LVTAT277

H36LVTATCP

3007 Regressed Lens Adjustable Reflector



- · Die cast trim ring: TBZ models
- Non-conductive & non-corrosive polymer trim ring: WHC, PCC, SN models
- · Regressed clear lens
- · For general illumination
- · Wet location listed for showers

• 15° tilt, 360° orientation within housing				
Lamp	120V GU10 50W	12V MR16 50W		
Housing	H36RTAT H36TAT	H36LVRTAT H36LVRTAT277		



Specular Clear Reflector,

White Trim





3007PCC Specular Clear Reflector, Polished Chrome Trim



3007SN Satin Nickel Reflector, Satin Nickel Trim



Tuscan Bronze Reflector. Tuscan Bronze Trim





Dimensions** A: 2" [51mm] RD: 3" [75mm] CO: 3-3/4" [95mm] OD: 4-1/4" [108mm]

3008 Frosted Glass Perimeter Lens

- Non-conductive & non-corrosive polymer trim ring
- Glass lens with frosted perimeter
- Clear specular upper reflector
- · Wet location listed for showers, "Dead-Front"
- · 360° orientation within housing

Lamp	120V GU10 50W	12V MR16 50V
Housing	H36RTAT	H36LVRTAT
_	H36TAT	H36LVRTAT277
		H36LVTAT
		H36LVTAT277
		H36LVTATCP



3008FG White with Frosted Glass Perimeter Lens





Dimensions** A: 1-7/8" [48mm] RD: 2-9/16" [65mm] CO: 3-3/4" [95mm] OD: 4-1/4" [108mm]

3017 Decorative Low-Profile Glass Curve

- · Die cast construction and decorative glass element
- · Frost glass perimeter with clear glass center
- · Wet location listed for showers

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36RTAT	H36LVRTAT
	H36TAT	H36LVRTAT277
		H36LVTAT
		H36LVTAT277
		H36LVTATCP



3017FGS Frost Glass Curve





Dimensions** A: 1-1/2" [39mm] D: 1/2" [13mm] CO: 3-3/4" [95mm]

OD: 4-1/4" [108mm

3012 Square Regressed Lens Adjustable Baffle

- . Die cast trim ring with metal baffle
- For general illumination
- 15° tilt, 360° integral lamp holder rotation with locking thumbscrew
- Wet location listed for showers

Lamp	120V GU10 50W	12V MR16 50V
Housing	H36RTAT	H36LVRTAT
	H36TAT	H36LVRTAT277
		H36LVTAT
		H36LVTAT277
		H36LVTATCP



White Baffle, White Trim



3012TBZBB Black Baffle, Tuscan Bronze Trim



3012WHBB Black Baffle, White Trim



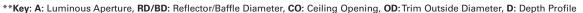
3012BKBB Black Baffle, Black Trim



Black Baffle, Satin Nickel Trim

Dimensions**





H3 Series Trims

Non-IC Housings: H36TAT • H36LVTAT • H36LVTAT • H36LVTATCP • H36LVTAT • H36LVTAT277 • H36LVTAT277

Black Baffle, White Trim

Pinhole, Slot & Wall Wash...

3001 Adjustable Pinhole Baffle

- Die cast trim ring with black oculus and machined metal baffle
- For concentrated accent lighting
- · 15° tilt, 360° orientation within housing

120V GU10 50W 12V MR16 50W H36RTAT H36LVRTAT Housing H36LVRTAT277 H36TAT H36LVTAT H36LVTAT277 H36LVTATCP



3001WHWB

White Baffle, White Trim







3001SNBB Black Baffle, Satin Nickel Trim

3001BKBB Black Baffle, Black Trim



3001TBZBB Black Baffle, Tuscan Bronze Trim





Dimensions** A: 1-5/8" [41mm] CO: 3-3/4" [95mm] OD: 4-1/4" [108mm]

3002 Adjustable Pinhole Reflector

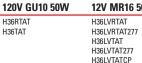
- . Die cast trim ring with black oculus and clear specular reflector
- For concentrated accent lighting

Lamp

Housing

15° tilt, 360° orientation withi

12V MR16 50W	3002WHC
ng in housing	0
Julius	





Clear Reflector, White Trim





Dimensions** A: 1-5/8" [41mm] CO: 3-3/4" [95mm] OD: 4-1/4" [108mm]

3006 Adjustable Slot Aperture

- Die cast trim ring with metal black baffle
- For directional illumination
- 35° tilt, 360° orientation within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36TAT H36TAT	H36LVRTAT H36LVRTAT277 H36LVTAT H36LVTAT277 H36LVTATCP



3006WHBB Black Baffle, White Trim



Black Baffle, Satin Nickel Trim Black Baffle, Black Trim



3006BKBB



3006TBZBB Black Baffle, Tuscan Bronze Trim





Dimensions** A: 1-5/8" [41mm] CO: 3-3/4" [95mm] OD: 4-1/4" [108mm]

3020 Wall Wash Downlight

- Die cast trim ring
- · Integral wall wash reflector
- 360° orientation within housing
- · For a subtle grazing light effect on cabinet faces along with a direct downlight on counter tops or similar applications

120V GU10 50W









Dimensions** A: 1-9/16" [40mm] CO: 3-3/4" [95mm] OD: 4-1/4" [108mm]

H36I VTAT H36LVTAT277

12V MR16 50W

Halo Recessed Catalog - 3" Recessed Downlighting

Lamp

H36LVRTAT Housing H36TAT H36LVRTAT277

^{**}Key: A: Luminous Aperture, CO: Ceiling Opening, OD: Trim Outside Diameter



E44 Series

4-inch Pin Base Housings & Trims

A family of 4-inch housings and trims optimized for use with LED lamps delivering longer life and energy savings. The ultrashallow housings are available in new construction and remodel types suitable for 2x4 framing or shallow plenum installation. The compact plaster frame with repositionable junction box fits in tight spacing.

The line voltage housings with GU10 base are available in 10 or 20 watt ratings and can be used with LED or halogen lamp types. The low voltage housings with Gx5.3 base and integral 120/277V step down transformer is rated at 10 watts maximum, ideal for use with LED MR16 lamps.

Trims are also optimized for use with LED lamps and are available in round and square apertures in a range of finishes to match many decors. The E44 round and square pinhole trims match the appearance of the ML4 series allowing lamp and light engine based solutions to be combined while maintaining a consistent look.



Housing Features

1. Got-Nail™ bar hangers

- Q-channel interlocking bars for secure adjustment
- Pass-N-Thru feature allows bars to pass through each other for adjustment and tool-less shortening without removal
- Housing can be positioned at any point within 24" joist span

2. Compact plaster frame

- (2) Locking screws maintain positioning
- Housing can be positioned anywhere along bar hanger and tight to joists

3. Perforation pattern

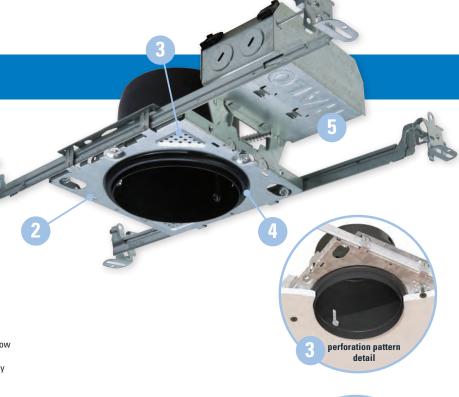
- Accepts wall board screws anchoring the housing to the ceiling
- Eliminates housing 'bounce' and trim gap to ceiling

4. AIR-TITE gasket

- Pre-installed compression gasket with a special can design that limits airflow and seals the can, frame & ceiling
- No additional gaskets or caulk required saving installation time and money
- Tested to ASTM-F283-04 standard

5. Slide-N-Side junction box

- Hinged captive cover, box repositionable on the frame to clear obstructions
- Slide-N-Side wire traps and quick connects allow non-metallic sheathed cable to be installed outside the box, without tools and without removing knockouts.
- Accommodates standard non-metallic sheathed cable:
- U.S.: #14/2, #14/3, #12/2, #12/3
- Canada: #14/2, #14/3, #12/2



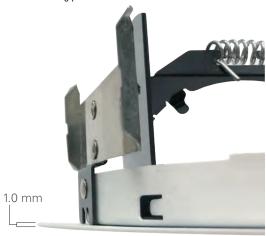
New construction housings feature a toroidal wound, magnetic step-down transformer with 120/277V input and 12V 10W nominal output that is highly efficient and low noise. The remodeler housing uses the same transformer with 120V input only. The transformer in integral to the junction box and can be serviced from below the ceiling through the aperture.



Trim Features

Wafer thin trims

The E44 wafer thin trims are used with the new construction housings. The 1.0 mm thin profile provides minimal ceiling presence.



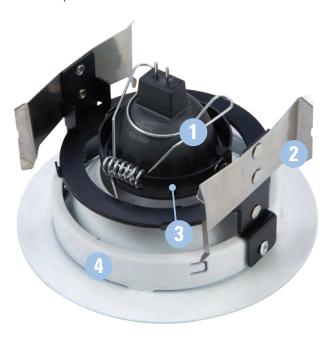
Full overlap trims

The E44 full overlap trims are used with both new construction and remodeler housings. The full overlap flange style trims match the MI 4 trim series.



Lamp Installation and adjustment

- 1. Coil spring holds lamp securely in position.
- 2. Friction blades hold trim securely to housing.
- 3. Accepts (1) lens or louver.
- 4. Rotates 360°.
- 5. Four prongs align the lamp and lens to aperture. Accomodates various lamp constructions.
- 6. Tilts up to 35°. Lever arm locks in at 2.5° increments.

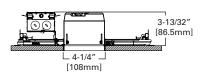


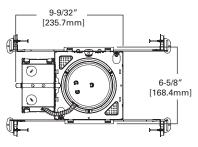




E44MR16ICAT







E44MR16ICAT

4" Ultra-Shallow Recessed Low Voltage New Construction Housing

Recessed 4" aperture ultra-shallow new construction housing with integral step down transformer optimized for low voltage LED MR16 lamps. Suitable for 2x4 residential framing or shallow plenum commercial construction, meets restrictive airflow requirements and can be used in direct contact with insulation. Use with compatible Halo™ trims and LED MR16 lamps (by others) providing a broad range of trim styles and optical distributions.









Special Features

Got-Nail!™ bar hangers

Pass-N-Thru™ bar hangers

Quick Connect™ push wire nuts

Air-Tite™ code compliant

Slide-N-Side™ junction box

Compatible Trims

1430	1465	1466	1484	1487
1431	1433	1440	1485	1489
1434	1437	1441	1443	1442
1435	1432	1444	1447	1446
1464	1436	1445	1449	1486

Features

Housing

- Single wall deep drawn aluminum housing painted matte black for a visually dark interior
- Adjusts vertically to accommodate 3/8" to 1-1/4" thick ceilings and locks in position with (3) setscrews
- Integral gasket achieves airtight compliance without additional caulk or gaskets
- Shipped with overspray protector installed
- Housing can be removed from below the ceiling for service or splice inspection

Plaster Frame

- Notches facilitate use of guide strings or laser lines for precise positioning
- Regressed screws provide positive horizontal bar hanger locking from below the ceiling
- Perforations accept drywall screws from below securing housing to ceiling structure

Bar Hangers

- Captive preinstalled Got-Nail™ bar hangers supports housing any point along span and tight to framing
- Pass-N-Thru[™] feature allows adjust from 6" to 24" wide without removal
- · Captive nail penetrates standard and engineered lumber
- Leveling flange aligns plaster frame with structure
- Integral clip attaches directly to tee-bar

Universal Mounting Bracket Accessory

- Accepts 1/2" EMT, C channel and bar hangers
- · Adjusts 3" vertically from above the ceiling
- · Installed to plaster frame with (2) screws (provided)

Junction Box

- Compact galvanized steel junction box with 16in3 internal volume
- Listed for (10) #12 AWG 90° C splice conductors
- Repositionable 90° on plaster frame to avoid obstructions
- Hinged door is retained and provides easy access to field wiring.
- (6) ½" conduit pry-outs positioned to allow straight conduit runs
- (3) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections

Step Down Transformer

- Low noise toroidal wound magnetic step down transformer
- Thermally protected
- 120/277V 60Hz input provides 12V nominal at 10W output

Socket

• Gx5.3 socket for bi-pin 12V LED MR16 lamps

Trims

- Compatible with a broad range of trim styles and optical distributions
- Friction blades hold trim tight to ceiling surface, gasket minimizes light leaks
- · Use with wafer thin, full overlap or die cast flange styles

Compliances

- Type IC suitable for direct contact to air permeable insulation and cULus listed for damp locations
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013
- Wet location listed in covered ceilings and IP44 certified with select lens trims
- · Airtight per ASTM-E283
- Can be used for State of California Title 24 high efficacy luminaire compliance with designated trims and CA JA8-2016-E labeled lamos
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- · Contains no mercury or lead and RoHS compliant

Energy Data

Lifeigy Data		
Input Voltage	120V	277V
Input Current	0.099 (mA)	(mA)
Input Power	11.89 (W)	(VV)
Inrush (A)	2 (A)	(A)
THD	≤ 20	%
PF	≥ 0.0	90
T Ambient	-40 - +	40°C
Sound Rating	≤ 20d	lba

E44MR16RICAT

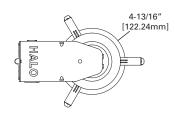


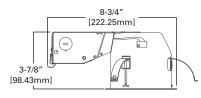


E44MR16RICAT

4" Ultra-Shallow Recessed Low Voltage Remodeler Housing

Recessed 4" aperture ultra-shallow install from below remodeler type housing with integral step down transformer optimized for low voltage LED MR16 lamps. Suitable for 2x4 residential framing or shallow plenum commercial construction, meets restrictive airflow requirements and can be used in direct contact with insulation. Use with compatible Halo™ trims and LED MR16 lamps (by others) providing a broad range of trim styles and optical distributions.













Special Features

Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

1440	1445	1443	1487	1446
1441	1484	1447	1489	1486
1444	1485	1449	1442	

Features

Housing

- Single wall deep drawn aluminum housing painted matte black for a visually dark interior
- Accommodates ceilings from 3/8" to 1-1/4" thick
- Shipped with overspray protector installed

Mounting Springs

- Captive preinstalled mounting springs retain housing securely in ceiling.
- Housing can be removed from below the ceiling for service or splice inspection

Gasket

 Closed cell gaskets achieve restrictive airflow requirements without additional gaskets or caulking

Junction Box

- Compact galvanized steel junction box with 10in3 internal volume
- Listed for (6) #12 AWG 90° C splice conductors
- Hinged door is retained and provides easy access to field wiring
- (3) ½" conduit pry-outs

- (3) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- Quick Connect[™] remodel wiring tray holds (3) 4-port
- push wire nuts facilitating mains voltage connections

Step Down Transformer

- Low noise toroidal wound magnetic step down transformer
- · Thermally protected
- 120V 60Hz input provides 12V at 10W output

Socket

Gx5.3 socket for bi-pin 12V LED MR16 lamps

Trims

- Compatible with a broad range of trim styles and optical distributions
- Friction blades hold trim tight to ceiling surface, gasket minimizes light leaks
- · Use with full overlap or die cast flange styles

Compliances

- Type IC suitable for direct contact to air permeable insulation and cULus listed for damp locations
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013
- Wet location listed in covered ceilings and IP44 certified with select lens trims
- Airtight per ASTM-E283
- Can be used for State of California Title 24 high efficacy luminaire compliance with designated trims and CA JA8-2016-E labeled lamps
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- Contains no mercury or lead and RoHS compliant

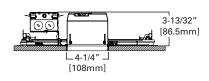
Energy Data

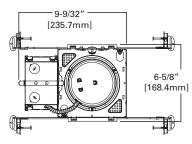
Ellergy Data	
Input Voltage	120V
Input Current	(mA)
Input Power	(W)
Inrush (A)	(A)
THD	≤ 20%
PF	≥ 0.90
T Ambient	-40 - +40°C
Sound Rating	≤ 20dba

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E44PAR16ICAT







E44PAR16ICAT

4" Ultra-Shallow Recessed Line Voltage **New Construction Housing**

Recessed 4" aperture ultra-shallow new construction housing optimized for line voltage LED or halogen PAR16 lamps. Suitable for 2x4 residential framing or shallow plenum commercial construction, meets restrictive airflow requirements and can be used in direct contact with insulation. Use with compatible Halo™ trims and PAR16 lamps (by others) providing a broad range of trim styles and optical distributions.









Special Features

Got-Nail!™ bar hangers Pass-N-Thru[™] bar hangers Quick Connect™ push wire nuts Air-Tite™ code compliant Slide-N-Side™ junction box

Compatible Trims

1430	1465	1466	1484	1487
1431	1433	1440	1485	1489
1434	1437	1441	1443	1442
1435	1432	1444	1447	1446
1464	1436	1445	1449	1486

Features

Housing

- Single wall deep drawn aluminum housing painted matte black for a visually dark interior
- Adjusts vertically to accommodate 3/8" to 1-1/4" thick ceilings and locks in position with (3) setscrews
- Integral gasket achieves airtight compliance without additional caulk or gaskets
- Shipped with overspray protector installed
- Housing can be removed from below the ceiling for service or splice inspection

Plaster Frame

- Compact galvanized steel plaster frame with integral bar hanger receivers
- Notches facilitate use of guide strings or laser lines for precise positioning
- Regressed screws provide positive horizontal bar hanger locking from below the ceiling
- Perforations accept drywall screws from below securing housing to ceiling structure

Bar Hangers

- Captive preinstalled Got-Nail™ bar hangers supports housing any point along span and tight to framing
- Pass-N-Thru™ feature allows adjust from 6" to 24" wide without removal
- Captive nail penetrates standard and engineered lumber
- · Leveling flange aligns plaster frame with structure
- · Integral clip attaches directly to tee-bar

Universal Mounting Bracket Accessory

- Accepts 1/2" EMT, C channel and bar hangers
- Adjusts 3" vertically from above the ceiling
- · Installed to plaster frame with (2) screws (provided)

Junction Box

- Compact galvanized steel junction box with 16in3 internal volume
- Listed for (10) #12 AWG 90° C splice conductors
- · Repositionable 90° on plaster frame to avoid obstructions
- · Hinged door is retained and provides easy access to field
- (6) 1/2" conduit pry-outs positioned to allow straight conduit runs
- (3) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections

· GU10 socket for 120V LED PAR16 lamps

Halo Recessed Catalog - 4" Recessed Downlighting

- · Compatible with a broad range of trim styles and optical distributions
- · Friction blades hold trim tight to ceiling surface, gasket minimizes light leaks
- · Use with wafer thin, full overlap or die cast flange styles

Compliances

- Type IC thermally protected, suitable for direct contact to air permeable insulation and cULus listed for damp
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013
- Wet location listed in covered ceilings and IP44 certified with select lens trims
- · Airtight per ASTM-E283
- · Can be used for State of California Title 24 high efficacy luminaire compliance with designated trims and CA T24-2016-E labeled lamps
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- · Contains no mercury or lead and RoHS compliant

Energy Data

Input Voltage	120V
Input Current	0.099 (mA)
Input Power	11.89 (W)
Inrush (A)	2 (A)
THD	≤ 20%
PF	≥ 0.90
T Ambient	-40 - +40°C
Sound Rating	≤ 20dba

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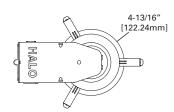
E44PAR16RICAT

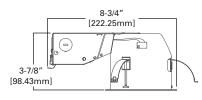




4" Ultra-Shallow Recessed Line Voltage **Remodeler Housing**

Recessed 4" aperture ultra-shallow install from below remodeler type housing for line voltage LED or halogen PAR16 lamps. Suitable for 2x4 residential framing or shallow plenum commercial construction, meets restrictive airflow requirements and can be used in direct contact with insulation. Use with compatible Halo™ trims and PAR16 lamps (by others) providing a broad range of trim styles and optical distributions.













Special Features

Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

1440	1445	1443	1487	1446
1441	1484	1447	1489	1486
1444	1485	1449	1442	

Features

Housing

- Single wall deep drawn aluminum housing painted matte black for a visually dark interior
- · Accommodates ceilings from 3/8" to 1-1/4" thick
- · Shipped with overspray protector installed

Mounting Springs

- · Captive preinstalled mounting springs retain housing securely in ceiling.
- · Housing can be removed from below the ceiling for service or splice inspection

Gasket

· Closed cell gaskets achieve restrictive airflow requirements without additional gaskets or caulking

Junction Box

- Compact galvanized steel junction box with 10in3 internal volume
- Listed for (6) #12 AWG 90° C splice conductors

- · Hinged door is retained and provides easy access to field wiring
- (3) 1/2" conduit pry-outs
- (3) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- Quick Connect[™] remodel wiring tray holds (3) 4-port
- push wire nuts facilitating mains voltage connections

Socket

• GU10 socket for 120V LED or halogen PAR16 lamps

- Compatible with a broad range of trim styles and optical
- Friction blades hold trim tight to ceiling surface, gasket minimizes light leaks
- Use with full overlap or die cast flange styles

Compliances

- Type IC thermally protected, suitable for direct contact to air permeable insulation and cULus listed for damp
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013
- Wet location listed in covered ceilings and IP44 certified with select lens trims
- Airtight per ASTM-E283
- Can be used for State of California Title 24 high efficacy luminaire compliance with designated trims and CA T24-2016-E labeled lamps
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- Contains no mercury or lead and RoHS compliant

Energy Data

Lifeigy Data	
Input Voltage	120V
Input Current	(mA)
Input Power	(W)
Inrush (A)	(A)
THD	≤ 20%
PF	≥ 0.90
T Ambient	-40 - +40°C
Sound Rating	≤ 20dba

Directional Open: 1430 • 1431 • 1434

Directional Open · · ·

1430 Conical Reflector

- · Use in new construction housings
- · For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing

Lamp Gx5.3 12V MR16 120V GU10 PAR16 E44PAR16ICAT

E44MR16ICAT



1430MWWF Matte White, White Flange

1430GB German Bronze



1430H Haze



1430HWF Haze, White Flange



1430RN Brushed Nickel, German Bronze



Dimensions** A: 3.63" [92mm] H: 2.31" [59mm] OD: 5" [127mm]

1431 Conical Baffle

- Use in new construction housings
- · For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing



1431WBWF White Baffle, White Flange



1431BBWF Black Baffle, White Flange



1431BN **Brushed Nickel**



1431GB German Bronze

Gx5.3 12V MR16 120V GU10 PAR16 E44MR16ICAT E44PAR16ICAT



Dimensions** A: 3.63" [92mm] H: 2.34" [59mm] OD: 5" [127mm]

1434 Round Pinhole

- · Use in new construction housings
- For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing



1434MW Matte White



1434MB Matte Black



1434BN **Brushed Nickel**



1434GB German Bronze





Dimensions** A: 2.5" [63mm] H: 3.1" [79mm] OD: 5" [127mm]

Directional Open: 1435 • 1464 • 1465



Directional Open · · · · · · · · · · · ·

1435 Round Pinhole with Oculus

- Use in new construction housings
- · For general illumination

Housing

• 1.0 mm thin profile provides minimal ceiling presence

E44MR16ICAT

• 35° tilt, 360° orientation within housing

Gx5.3 12V MR16 120V GU10 PAR16

E44PAR16ICAT



1435MWWB Matte White, White Baffle



1435MWBB Matte White, Black Baffle



Brushed Nickel, Black Baffle



German Bronze, Black Baffle



Dimensions** A: 2.3" [59mm] H: 3.1" [79mm] OD: 5" [127mm]

1464 Square Pinhole

• Use in new construction housings

E44MR16ICAT

· For general illumination

Housing

- . 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing

Gx5.3 12V MR16 120V GU10 PAR16

E44PAR16ICAT



1464MW Matte White



1464MB Matte Black



1464BN **Brushed Nickel**



German Bronze



Dimensions** A: 2.2" [55mm] H: 3.1" [79mm] OD: 5" [127mm]

1465 Square Pinhole with Oculus

- · Use in new construction housings
- · For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing



1465MWWR Matte White, White Baffle



1465MWRR Matte White, Black Baffle



1465RNRR Brushed Nickel, Black Baffle



1465GRRR German Bronze, Black Baffle





Dimensions** A: 2" [52mm] H: 3.1" [79mm] OD: 5" [127mm]

Directional Lens: 1433 • 1437 • 1467

Directional Lens · · · ·

1433 Conical Refector, Diffuse Lens

- · Use in new construction housings
- · For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing

Gx5.3 12V MR16 120V GU10 PAR16 Lamp E44PAR16ICAT

Housing E44MR16ICAT



1433MWWF Matte White, White Flange

1433GB German Bronze



1433H Haze



1433HWF Haze, White Flange



1433BN **Brushed Nickel**



Dimensions** A: 3.63" [92mm] H: 2.33" [59mm] OD: 5" [127mm]

1437 Round Pinhole, Diffuse Lens

- Use in new construction housings
- · For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing

Gx5.3 12V MR16 120V GU10 PAR16

Housing

E44MR16ICAT

E44PAR16ICAT



1437MWWB Matte White, White Baffle



1437MWBB Matte White, Black Baffle



1437BNBB Brushed Nickel, Black Baffle



1437GBBB German Bronze, Black Baffle



Dimensions** A: 2.33" [59mm] H: 3.13" [79mm] OD: 5" [127mm]

1467 Square Pinhole, Diffuse Lens

- · Use in new construction housings
- · For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing



1467MWWB Matte White, White Baffle



1467MWBB Matte White, Black Baffle



1467BNBB Brushed Nickel, Black Baffle



1467GBBB German Bronze, Black Baffle





Dimensions** A: 2.03" [52mm] H: 3.13" [79mm] OD: 5" [127mm]

Lens Wall Wash: 1432 • 1436 • 1466



Lens Wall Wash · · · · ·

1432 Angle Cut Conical Reflector, Lens Wall Wash

Gx5.3 12V MR16 120V GU10 PAR16

E44PAR16ICAT

- · Use in new construction housings
- · For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing

E44MR16ICAT

Housing







Haze



1432HWF Haze, White Flange



Dimensions** A: 3.63" [92mm] H: 2.26" [58mm] OD: 5" [127mm]

1436 Round Pinhole, Lens Wall Wash

Gx5.3 12V MR16 120V GU10 PAR16

E44PAR16ICAT

- Use in new construction housings
- · For general illumination
- . 1.0 mm thin profile provides minimal ceiling presence

E44MR16ICAT

Housing

• 35° tilt, 360° orientation within housing



1436MWWB Matte White, White Baffle



1436MWBB Matte White, Black Baffle



Dimensions** A: 2.34" [59mm] H: 2.29" [58mm] OD: 5" [127mm]

1466 Square Pinhole, Lens Wall Wash

- · Use in new construction housings
- · For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- · 35° tilt, 360° orientation within housing



1466MWWB Matte White, White Baffle



1466MWRR Matte White, Black Baffle



Dimensions** A: 2.03" [52mm] H: 2.29" [58mm] OD: 5" [127mm]

Directional Open: 1440 • 1441 • 1444

Directional Open · · · · · ·

1440 Conical Reflector

- Use in new construction and remodeler housings
- · For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing

Gx5.3 12V MR16 120V GU10 PAR16 Lamp

E44MR16ICAT E44MR16RICAT E44PAR16ICAT E44PAR16RICAT

· The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.





1440MWWF Matte White, White Flange

1440GB

German Bronze



1440H Haze



1440HWF Haze, White Flange



1440BN **Brushed Nickel**



Dimensions** A: 3.63" [92mm] H: 2.34" [59mm] OD: 5" [127mm]



1441 Conical Baffle

- · Use in new construction and remodeler housings
- · For general illumination
- · Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing



1441WBWF White Baffle, White Flange



Black Baffle, White Flange



1441BN **Brushed Nickel**



1441GB German Bronze



Dimensions** A: 3.63" [92mm] H: 2.34" [59mm] OD: 5" [127mm]

Gx5.3 12V MR16 120V GU10 PAR16 Lamp

E44MR16ICAT E44PAR16ICAT E44MR16RICAT E44PAR16RICAT

The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.



1444 Round Pinhole

- · Use in new construction and remodeler housings
- · For general illumination
- Full overlap flange style trims match the ML4 trim series
- · 35° tilt, 360° orientation within housing



1444MW Matte White



1444MB Matte Black



1444BN **Brushed Nickel**



1444GB German Bronze



Dimensions** A: 2.47" [63mm] H: 3.11" [79mm] OD: 5" [127mm]

Gx5.3 12V MR16 120V GU10 PAR16 Housing F44MR16ICAT F44PAR16ICAT E44MR16RICAT E44PAR16RICAT

• The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.





Directional Open: 1445 • 1484 • 1485

Directional Open · · · · · · · · ·

1445 Round Pinhole with Oculus

- · Use in new construction and remodeler housings
- For general illumination

Lamp

E44MR16ICAT

Full overlap flange style trims match the ML4 trim series	
35° tilt, 360° orientation within housing	1445MWWE

E44PAR16ICAT E44PAR16RICAT

Gx5.3 12V MR16 120V GU10 PAR16

The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.





Matte White, White Baffle



1445MWBB Matte White, Black Baffle



Brushed Nickel, Black Baffle



German Bronze, Black Baffle



Dimensions** A: 2.34" [59mm] H: 3.13" [79mm] OD: 5" [127mm]

1484 Square Pinhole

- · Use in new construction and remodeler housings
- · For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing



1484MW Matte White



1484MB Matte Black



1484BN **Brushed Nickel**



German Bronze



Dimensions** A: 2.17" [55mm] H: 3.11" [79mm] OD: 5" [127mm]



Gx5.3 12V MR16 120V GU10 PAR16

The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.



1485 Square Pinhole with Oculus

- · Use in new construction and remodeler housings
- For general illumination
- Full overlap flange style trims match the ML4 trim series
- · 35° tilt, 360° orientation within housing



1485MWWB Matte White, White Baffle



1485MWBB Matte White, Black Baffle



Brushed Nickel, Black Baffle



1485GBBB German Bronze, Black Baffle



Dimensions** A: 2.03" [52mm] H: 3.13" [79mm] OD: 5" [127mm]



The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.



Directional Lens: 1443 • 1447 • 1449

Directional Lens ····

1443 Conical Reflector, Diffuse Lens

- · Use in new construction and remodeler housings
- · For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing

Lamp Gx5.3 12V MR16 120V GU10 PAR16

lousing E44MR16ICAT E44MR16RICAT E44PAR16ICAT E44PAR16RICAT

 The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.





1443MWWF Matte White, White Flange

1443GB

German Bronze





1443HWF Haze, White Flange



1443BN Brushed Nickel



Dimensions**A: 3.63" [92mm]
H: 2.34" [59mm]
OD: 5" [127mm]

- 1447 Round Pinhole, Diffuse Lens
 Use in new construction and remodeler housings
- · For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing



1447MWWB Matte White, White Baffle



1447MWBB 14 Matte White, Black Baffle B



1447BNBBBrushed Nickel, Black Baffle



1447GBBB German Bronze, Black Baffle



Dimensions**
A: 2.34" [59mm]
H: 3.13" [79mm]
OD: 5" [127mm]

Lamp Gx5.3 12V MR16 120V GU10 PAR16

Housing E44MR16ICAT E44MR16RICAT E4

E44PAR16ICAT E44PAR16RICAT

 The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.



1449 Round "All Acrylic-Glass", Diffuse Lens

- Use in new construction and remodeler housings
- For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing



1449AAG Round, All Acrylic Glass

 Lamp
 Gx5.3 12V MR16
 120V GU10 PAR16

 Housing
 E44MR16ICAT
 E44PAR16ICAT

 E44MR16RICAT
 E44PAR16RICAT

 The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.





Dimensions**A: 3.27" [83mm]
H: 3.21" [81mm]
OD: 5.13" [130mm]

Directional Lens: 1487 • 1489



Directional Lens · · · ·

1487 Square Pinhole, Diffuse Lens

- · Use in new construction and remodeler housings
- · For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing

E44MR16ICAT

E44MR16RICAT

-	





1487MWBB Matte White, Black Baffle



Brushed Nickel, Black Baffle German Bronze, Black Baffle





Dimensions** A: 2.03" [52mm] H: 3.13" [79mm] OD: 5" [127mm]

· The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.

Gx5.3 12V MR16 120V GU10 PAR16

E44PAR16ICAT

E44PAR16RICAT



1489 Square "All Acrylic-Glass", Diffuse Lens

Gx5.3 12V MR16 120V GU10 PAR16

E44PAR16ICAT

- Use in new construction and remodeler housings
- · For general illumination

Housing

- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing

E44MR16ICAT

Square, All Acrylic Glass



E44MR16RICAT E44PAR16RICAT • The full overlap flange style trims are supplied





Dimensions** A: 2.29" [58mm] H: 3.21" [81mm] OD: 5.13" [130mm]

Lens Wall Wash: 1442 • 1446 • 1486

Lens Wall Wash · · · · ·

1442 Single Cut Conical Reflector, Lens Wall Wash

- · Use in new construction and remodeler housings
- · For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing









Matte White, White Flange

Haze

1442HWF Haze, White Flange

Dimensions** A: 3.62" [92mm] H: 2.27" [58mm] OD: 5" [127mm]

Gx5.3 12V MR16 120V GU10 PAR16 Lamp

E44MR16ICAT E44MR16RICAT

E44PAR16ICAT F44PAR16RICAT

• The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.



1446 Round Pinhole, Lens Wall Wash

- · Use in new construction and remodeler housings
- · For general illumination

Lamp

- · Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing

4		
.4		

1446MWWB Matte White, White Baffle



1446MWBB Matte White, Black Baffle



Dimensions** A: 2.34" [59mm] H: 2.28" [58mm] OD: 5" [127mm]

Gx5.3 12V MR16 120V GU10 PAR16 E44MR16ICAT E44PAR16ICAT E44MR16RICAT E44PAR16RICAT

The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.



1486 Square Pinhole, Lens Wall Wash

- · Use in new construction and remodeler housings
- · For general illumination
- · Full overlap flange style trims match the ML4 trim series
- · 35° tilt, 360° orientation within housing



1486MWWR Matte White, White Baffle



1486MWRR Matte White, Black Baffle



Dimensions** A: 2.03" [52mm] H: 2.28" [58mm] OD: 5" [127mm]

120V GU10 PAR16 Lamp Gx5.3 12V MR16 E44MR16ICAT E44PAR16ICAT Housing E44MR16RICAT E44PAR16RICAT

· The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.



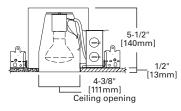


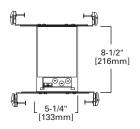
H99ICAT



4" IC, Air-Tite, Shallow New Construction Housing, 120V

The H99ICAT is an IC Air-Tite™ housing for accent, task, and general lighting. It is designed for use in insulated ceilings where it will be in direct contact with insulation*. Air-Tite™ housing designed to restrict air flow between conditioned spaces and unconditioned areas. May be retrofit with compatible Halo LED lighting systems.











Special Features

Got Nail!™ bar hangers

Pass-N-Thru™ bars

Slide-N-Side™ junction box

Quick Connect™ push wire nuts

Air-Tite™ code compliant

Compatible Trims

945	953	998	4002	4013
951	993	999	4003	4055
952	996	4001	4010	

Features

Housing

- Outer Housing: aluminum construction helps dissipate heat
- Inner Housing: double wall aluminum construction helps dissipate heat
- The inner housing can be removed from plaster frame to provide access to the junction box
- For insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)
- Inner housing adjusts for ceilings up to 1" thick

Plaster Frame

- · Galvanized steel die-formed construction
- Plaster frame features include:
 - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
 - Cutouts for easily crimping hanger bars in position
 - · Air-Tite aperture gasket is pre-installed
 - Halo identity embossed on plaster frame

Includes:

- Got Nail!™ bar hangers (Details Pg. 11)
- Pass-N-Thru[™] bars (Details Pg. 11)
- Slide-N-Side[™] junction box wire traps (Details Pg. 11)
- Quick Connect[™] push wire nuts (Details Pg. 11)
- Air-Tite[™] code compliant (Details Pg. 11)

Socket

Fixed position porcelain socket with nickel plated brass screw shell provides consistent lamp positioning

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types

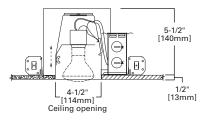
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- · RoHS compliant
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

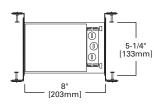
^{*}Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)

E4ICATSB









E4ICATSB

4" IC, Air-Tite, Shallow New Construction Housing, 120V

The E4ICATSB is an IC Air-Tite™ housing optimized and listed for EISA compliant tungsten-halogen lamps, CFL and LED lamps as well as incandescent. Housing features an adjustable socket bracket, and is suitable for residential or commercial applications. Installation in insulated ceilings* and non-insulated ceilings with Air-Tite code compliant construction. May be retrofit with compatible Halo LED lighting systems.







Special Features

All-Nail!™ bar hangers Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

945	953	996	999	4002	4010
952	993	998	4001	4003	4055

Features

Housing

- · Outer Housing: aluminum construction
- Inner Housing: double wall aluminum construction helps dissipate heat
- The inner housing can be removed from the plaster frame to provide access to the junction box
- For insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)
- Inner housing adjusts for ceilings up to 1" thick

Plaster Frame

- Plaster frame includes locking screw for hanger bars and cutouts for crimping hanger bars in position
- Air-Tite gasket is pre-installed

Junction Box

- · Positioned to accommodate straight conduit runs
- Seven conduit knockouts are uniform 1/2" size with true pry-out slots
- Four pry-outs with integral strain relief simplify non-metallic (NM) sheathed cable installation
- Three quick connect wire connectors included

Includes:

- All-Nail![™] bar hangers (Details Pg. 15)
- Quick Connect[™] push wire nuts (Details Pg. 11)
- Air-Tite[™] code compliant (Details Pg. 11)

Socket

Adjustable position bracket with porcelain socket and nickel plated brass screw shell provides flexibility in lamp positioning

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types

- · cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- · RoHS compliant
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

^{*}Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)

IC Housings: H99ICAT • E4ICATSB

Reflectors

999 Precision Metal Reflector

- · Precision die cast metal trim ring with metal reflector
- For general down lighting
- · Friction clip retention

Housings	Max Lamp Compatibility
H99ICAT	40W A19, 50W PAR20, 40W R16, 50W R20
E4ICATSB	40W A19, 50W PAR20, 40W R16, 30 R20

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Specular Black Reflector, White Trim



999H Haze Reflector, White Trim



Residential Gold Reflector, White Trim



999SN Satin Nickel Reflector, Satin Nickel Trim



Specular Clear Reflector, White Trim



999TBZ Tuscan Bronze Reflector, Tuscan Bronze Trim



999W White Reflector, White Trim



Dimensions** H: 2-5/8" [67mm] OD: 5" [129mm]

4003 Reflector

- Specular clear reflector
- Formed metal trim ring
- · Friction clip retention

Housings	Max Lamp Compatibility
H99ICAT	40W A19, 35W PAR20, 50W PAR20, 40W R16, 50W R20
E4ICATSB	40W A19, 35W PAR20, 30W R20, 40W R16
Compatible with	Halogen, Incandescent, LED* or CFL* lamps



4003 Specular Reflector, White Trim



Dimensions** H: 2-1/2" [63mm] OD: 5" [129mm]

953 Precision Metal Baffle

- · Precision die cast metal trim ring with metal baffle
- · For general down lighting
- · Friction clip retention

Housings	Max Lamp Compatibility
H99ICAT	35W PAR20, 30W R20, (50W PAR20 with H1999 Socket Extender)
E4ICATSB	50W PAR20

Compatible with Halogen, Incandescent, LED* or CFL* lamps



953W White Baffle, White Trim



Black Baffle, White Trim



953SN Satin Nickel Baffle, Satin Nickel Trim



Tuscan Bronze Baffle, Tuscan Bronze Trim



Accessory - H1999 (H99ICAT Only)



Socket Extender

993 Coilex® Baffle

- Coilex® phenolic baffle
- Precision die cast metal trim ring
- For general down lighting
- · Friction clip retention

Housings	Max Lamp Compatibility	
H99ICAT	35W PAR20, 30W R20, (50W PAR20, 50W R20 with H1999 Socket Extender)	
E4ICATSB	35W PAR20, 30W R20	
Compatible with Halogen, Incandescent, LED* or CFL* lamps		



White Baffle, White Trim



Black Baffle, White Trim



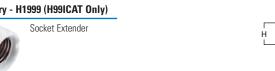
Black Baffle, Satin Nickel Trim Black Baffle, Tuscan Bronze Trim



Dimensions** H: 2-1/2" [63mm] OD: 5" [129mm]











IC Housings: H99ICAT • E4ICATSB

4001 Plastic Baffle

- Step plastic baffle
- Formed metal trim ring
- · Friction clip retention

Housings	Max Lamp Compatibility
H99ICAT	35W PAR20, 50W R20, (50W PAR20, 50W R20 with H1999 Socket Extender)
E4ICATSB	35W PAR20, 30W R20

Compatible with Halogen, Incandescent, LED* or CFL* lamps



4001WB White Baffle, White Trim



4001BB Black Baffle, White Trim



Dimensions** H: 1-1/8" [28mm] OD: 5" [129mm]

Accessory - H1999 (H99ICAT Only)



Socket Extender

4010 Metal Baffle

- · Metal baffle
- · Formed metal trim ring
- · Friction clip retention

Housings	Max Lamp Compatibility
	35W PAR20, 30W R20,
H99ICAT	(50W PAR20 with H1999
	Socket Extender)
E4ICATSB	50W PAR20, 30W R20, 35W PAR20

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Baffle, White Trim



Black Baffle, White Trim



Dimensions** H: 2-5/8" [67mm] OD: 5" [129mm]

4013 Full Cone Metal Baffle, Self-flange

- · Self-flange metal baffle
- · Friction clip retention
- · For use with H99 series housings only

Housings	Max Lamp Compatibility
H99ICAT	4013WB : 40W A19, 50W R20, 50W PAR20 4013BB : 45W R20, 50W PAR20

Compatible with Halogen, Incandescent, LED* or CFL* lamps



4013WB White Baffle, White Trim



Black Baffle, White Trim



Dimensions** H: 4-1/2" [114mm] OD: 5" [129mm]

996 Adjustable Eyeball - 15° Tilt

- Adjustable eyeball for use with PAR20 lamps only
- 15° tilt, 360° rotation
- Precision die metal cast trim ring
- · Friction clip retention

Housings	Max Lamp Compatibility	
H99ICAT	F014/ R4 R00	
E4ICATSB	— 50W PAR20	
Compatible with Halogen, Incandescent, LED* or CFL* lamps		



White Eyeball, White Trim



996SN Satin Nickel Eyeball, Satin Nickel Trim



996TBZ Tuscan Bronze Eyeball, Tuscan Bronze Trim



Dimensions** A: 3-3/4" [94mm] H: 3-1/2" [88mm] OD: 5" [129mm]

998 Adjustable Eyeball - 30° Tilt

- Adjustable eyeball for PAR16 and R16 lamps only
- 30° tilt, 360° rotation
- Precision die metal cast trim ring
- · Friction clip retention

Housings	Max Lamp Compatibility	
H99ICAT	40W R16	
E4ICATSB	40W R16, 45W PAR16	
Compatible wit	h Halogen Incandescent I FD* or CFI * lamps	



White Eyeball, White Trim



Satin Nickel Eyeball, Satin Nickel Trim



Tuscan Bronze Eyeball, Tuscan Bronze Trim



Dimensions** A: 2-1/4" [56mm] H: 3-1/4" [83mm] OD: 5" [129mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Housings: H99ICAT • E4ICATSB

4002 White Eyeball - 30° Tilt

- · Adjustable eyeball for R16 and PAR16 lamps only
- Formed metal trim ring
- Friction clip retention







Dimensions** A: 2-1/8" [54mm] OD: 5" [129mm]

Lenses & Wet Location Showerlights •

951 Prismatic Glass Lens with Full Cone Reflector

- · Wet location listed for use as Showerlight
- · Non-conductive, non-corrosive polymer trim
- Prismatic glass lens
- Full reflector for greatest light distribution
- · Friction clip retention
- · For use with H99 series housings only
- Shower trim front is non-electrically conductive "dead-front"

Housings	Max Lamp Compatibility
H99ICAT	35W PAR20, 30W R20, (50W PAR20 with H1999 Socket Extender)



951PS Full Reflector and Glass Lens, White Trim



951SNS Full Reflector and Glass Lens, Satin Nickel Trim



Full Reflector and Glass Lens, Tuscan Bronze Trim



Dimensions** H: 4-1/2" [114mm] OD: 5" [129mm]

Accessory - H1999 (H99ICAT Only)

Socket Extender

Compatible with Halogen, Incandescent, LED* or CFL* lamps

952 Frosted Dome Lens with Cut-Cone Reflector



- Frosted glass dome shower light
- Non conductive, non corrosive polymer trim ring
- · High wall coverage in showers and baths from dome lens
- Friction clip retention
- Shower trim front is non-electrically conductive "dead-front"



952PS



Dimensions** H: 2-5/8" [66mm] OD: 5" [129mm]

Max Lamp Compatibility 35W PAR20, 30W R20, (50W PAR20 H99ICAT with H1999 Socket Extender) E4ICATSB 35W PAR20, 30W R20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

Dome Lens, White Trim Accessory - H1999 (H99ICAT Only)



Socket Extender

4055 Prismatic Glass Lens with Cut-Cone Reflector

- Wet location listed for use as Showerlight
- Prismatic glass lens
- Friction clip retention
- · Non conductive, non corrosive polymer trim ring
- Shower trim front is non-electrically conductive "dead-front"



Flat Glass Lens, White Trim



Dimensions** H: 2-5/8" [67mm] OD: 5" [129mm]

Housings **Max Lamp Compatibility**

H99ICAT 30W R20, 35W PAR20 E4ICATSB

Compatible with Halogen, Incandescent, LED* or CFL* lamps

945 Metropolitan Ice Light

- Frosted glass trim in natural or blue
- For general down lighting
- · Friction clip retention

Housings	Max Lamp Compatibility
H99ICAT	30W R20
E4ICATSB	35W PAR20, 30W R20

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Frosted Glass



Frosted Blue Glass



Dimensions** H: 2-1/8" [54mm] OD: 5" [129mm]

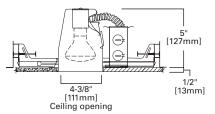
*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

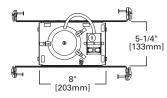
^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

4

H99TAT







H99TAT

4" Non-IC, Air-Tite, Shallow New Construction Housing, 120V

The H99TAT is a Non-IC Air-Tite[™] housing for providing accent, task, and general lighting. The H99T is designed for use in non-insulated ceiling but if insulation is present it MUST be kept 3" from all sides of the housing. Non-IC housing is Air-Tite[™] code compliant. May be retrofit with compatible Halo LED lighting systems.







Special Features

Got Nail!™ bar hangers

Pass-N-Thru™ bars

Slide-N-Side™ junction box

Quick Connect™ push wire nuts

Air-Tite™ code compliant

Compatible Trims

945	990	996	999	4002	4013
951	992	998	4001	4003	4055
953	993				

Features

Housing

Formed of CRS with white powder coat finish.

. Housing adjusts for ceilings up to 1" thick

Plaster Frame

Galvanized steel construction. The housing can be removed from plaster frame to provide access to the junction box. Plaster frame features include:

- Patented regressed locking screw positioned for securing hanger bars from below the ceiling
- · Cutouts for easily crimping hanger bars in position
- Halo name embossed on plaster frame

Includes:

- Got Nail!™ bar hangers (Details Pg. 11)
- Pass-N-Thru[™] bars (Details Pg. 11)
- Slide-N-Side[™] junction box wire traps (Details Pg. 11)
- Quick Connect[™] push wire nuts (Details Pg. 11)
- Air-Tite[™] code compliant (Details Pg. 11)

Socket

Fixed position porcelain socket with nickel plated brass screw shell provides consistent lamp positioning

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

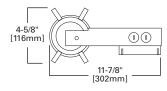
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- · RoHS compliant
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- IP rated (Improper Lamp)

H99RTAT



5" [127mm] 1/2" 4-1/4" [108mm] Ceiling opening to match template supplied



H99RTAT

4" Non-IC, Shallow Remodel Housing, 120V

The H99RTAT is a Non-IC Air-Tite[™] housing for providing accent. task, and general lighting. The H99RTAT is designed for use in non-insulated existing ceilings. Non-IC housing is Air-Tite™ code compliant. If insulation is present it must be kept 3 inches away from all sides of housing. For installation from below the ceiling. May be retrofit with compatible Halo LED lighting systems.







Special Features

Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

945	953	993	4001	4013
951	990	998	4002	4055
952	992	999	4003	

Features

Housing

- Formed of CRS with white powder coat finish
- · For installation from below the finished ceiling

Remodel Clips

Four remodel clips secure housing and accommodates 1/2" and 5/8" ceiling materials

Junction Box

- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Four pry-outs with integral strain relief for non-metallic (NM) sheathed cable

Includes:

- Quick Connect™ push wire nuts (Details Pg. 11)
- Air-Tite™ code compliant (Details Pg. 11)

Socket

Fixed position porcelain socket with nickel plated brass screw shell provides consistent lamp positioning

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

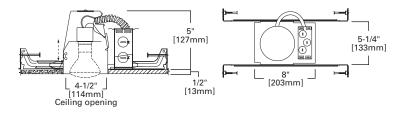
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

- cULus Listed 1598 Iuminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant
- IP rated (Improper Lamp)

4 INCH

E4TATSB





E4TATSB

4" Non-IC, Air-Tite, Shallow New Construction Housing, 120V

The E4TATSB is a Non-IC Air-Tite™ housing optimized and listed for EISA compliant tungsten-halogen lamps, CFL and LED lamps, as well as incandescent. Housing features an adjustable socket bracket, and is suitable for residential or commercial applications. Installation in non-insulated ceilings with Air-Tite code compliant construction. If insulation is present it must be kept 3" from all sides of the housing. May be retrofit with compatible Halo LED lighting systems.







Special Features

All-Nail!™ bar hangers Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

945	992	996	999	4002	4010
953	993	998	4001	4003	4055
aan					

Features

Housing

· Die-formed CRS with gray powder coat finish

Junction Box

- Seven conduit knockouts are uniform 1/2" size with true pry-out slots
- Four pry-outs with integral strain relief simplify non-metallic (NM) sheathed cable installation
- Three quick connect wire connectors included

Plaster Frame

- Housing is secured in plaster frame with spring barbs
- The housing can be removed from the plaster frame to provide access to the junction box

Includes:

- All-Nail!™ bar hangers (Details Pg. 15)
- Quick Connect[™] push wire nuts (Details Pg. 11)
- Air-Tite[™] code compliant (Details Pg. 11)

Socket

Adjustable position bracket with porcelain socket and nickel plated brass screw shell provides flexibility in lamp positioning

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

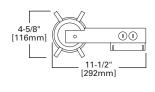
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types

- · cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- RoHS compliant
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

E4RTATSB



[127mm] 4-1/4" [108mm] Ceiling opening to match template supplied



4" Non-IC, Air-Tite, Shallow Remodel Housing, 120V

The E4RTATSB is a remodel Non-IC Air-Tite™ housing optimized and listed for EISA compliant tungsten-halogen lamps, CFL and LED lamps as well as incandescent. Housing features an adjustable socket bracket, and is suitable for residential or commercial applications. Installation in non-insulated ceilings with Air-Tite code compliant construction. If insulation is present it must be kept 3" from all sides of the housing. May be retrofit with compatible Halo LED lighting systems.







Special Features

Quick Connect[™] push wire nuts Air-Tite[™] code compliant

Compatible Trims

945	990	998	4002	4010
952	992	999	4003	4055
953	993	4001		

Features

Housing

- Die-formed CRS with gray powder coat finish
- · For installation from below the finished ceiling

Remodel Clips

Four remodel clips secure housing and accommodates 1/2" and 5/8" ceiling materials

Junction Box

- Seven conduit knockouts are uniform 1/2" size with true pry-out slots
- Four pry-outs with integral strain relief simplify non-metallic (NM) sheathed cable installation
- Three quick connect wire connectors included

Includes:

- Quick Connect[™] push wire nuts (Details Pg. 11)
- Air-Tite[™] code compliant (Details Pg. 11)

Socket

Adjustable position porcelain socket with nickel plated brass screw shell provides flexibility in lamp positioning

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types

- cULus Listed 1598 luminaire
- cULus Listed for damp location
- · cULus Listed for wet location, with select trims
- · RoHS compliant
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

Non-IC Housings: H99TAT • H99RTAT • E4TATSB • E4RTATSB

Reflectors·····

999 Precision Metal Reflector

- · Precision die cast metal trim ring with metal reflector
- For general down lighting
- · Friction clip retention

Housings	Max Lamp Compatibility	
H99TAT	40\A/ D10 F0\A/ D00 F0\A/ DA D00	
H99RTAT	— 40W R16, 50W R20, 50W PAR20	
E4TATSB	40W R16, 50W R20	
E4RTATSB	40W R16, 50W R20, 50W PAR20	
Compatible with Halogen, Incandescent, LED* or CFL* lamps		









Specular Black Reflector, White Trim



Specular Clear Reflector,

White Reflector, White Trim









999MB

Haze Reflector, White Trim

Satin Nickel Reflector, Satin Nickel Trim

999TBZ Tuscan Bronze Reflector, Tuscan Bronze Trim

Dimensions** H: 2-5/8" [67mm] OD: 5" [129mm]

4003 Reflector

- · Specular clear reflector
- Formed metal trim ring
- · Friction clip retention

Housings	Max Lamp Compatibility
H99TAT	40W A19, 50W PAR20,
H99RTAT	40W R16, 50W R20
E4TATSB	40W A19, 40W R16, 50W R20
E4RTATSB	40W A19, 50W PAR20,
	40W R16, 50W R20





Specular Reflector, White Trim



Dimensions** H: 2-1/2" [63mm] OD: 5" [127mm]

953 Precision Metal Baffle

- · Precision die cast metal trim ring with metal baffle
- · For general down lighting
- · Friction clip retention

Housings	Max Lamp Compatibility	
H99TAT	- 50W PAR20, 40W R16, 50W R20	
H99RTAT	— 5000 FANZO, 4000 NTO, 5000 NZO	
E4TATSB	40W R16, 50W R20	
E4RTATSB	50W PAR20, 40W R16, 50W R20	
Compatible with Halogen, Incandescent, LED* or CFL* lamps		







953W

White Baffle, White Trim

953P Black Baffle, White Trim

Satin Nickel Baffle, Satin Nickel Trim

953TBZ Tuscan Bronze Baffle, Tuscan Bronze Trim



Dimensions** H: 2-1/2" [63mm] OD: 5" [129mm]

990 Pinhole Trim

- · Precision die cast metal trim ring
- · Pinhole aperture for accent lighting
- · Friction clip retention

Housings	Max Lamp Compatibility	
H99TAT	40W A19, 50W PAR20,	
H99RTAT	40W R16, 50W R20	
E4TATSB	40W A19, 50W PAR20, 50W R20	
E4RTATSB	40W A19, 50W PAR20	
Compatible with Halogen, Incandescent, LED* or CFL* lamps		







990TBZ Satin Nickel Pinhole Trim Tuscan Bronze Pinhole Trim

Dimensions** H: 1-3/4" [44mm] OD: 5" [129mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Housings: H99TAT • H99RTAT • E4TATSB • E4RTATSB

992 Wall Wash with Coilex® Baffle

- Eyelid wall wash
- · Coilex® phenolic baffle
- · Precision die metal cast trim ring
- 360° rotation in housing allows trim to be aimed at wall
- · Friction clip retention

Housings	Max Lamp Compatibility
H99TAT	40W A19, 40W R16, 50W R20
H99RTAT	40W A19, 50W PAR20, 40W R16, 50W R20
E4TATSB	40W A19, 50W PAR20
E4RTATSB	50W PAR20

Compatible with Halogen, Incandescent, LED* or CFL* lamps



992W White Eyelid and Baffle, White Trim



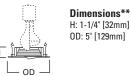
White Eyelid, Black Baffle, White Trim



992SN Satin Nickel Evelid, Black Baffle, Satin Nickel Trim



992TBZ Tuscan Bronze Eyelid, Black Baffle, Tuscan Bronze Trim



993 Coilex® Baffle

- Precision die cast metal trim ring with Coilex® phenolic baffle
- For general down lighting
- · Friction clip retention

Housings	Max Lamp Compatibility
H99TAT	
H99RTAT	- FOLAY DA DOO 40M/ D10 FOLAY D00
E4TATSB	50W PAR20, 40W R16, 50W R20
E4RTATSB	_
Compatible wit	h Halogen, Incandescent, LED* or CFL* lamps





White Baffle, White Trim



Black Baffle, White Trim





993TBZ Black Baffle, Satin Nickel Trim Black Baffle, Tuscan Bronze Trim



Dimensions** H: 2-1/2" [63mm] OD: 5" [129mm]

4001 Plastic Baffle

- Step plastic baffle
- Formed metal trim ring
- · Friction clip retention

Housings	Max Lamp Compatibility	
H99TAT	- 50W PAR20, 50W R20	
H99RTAT		
E4TATSB	- 50W PAR20, 40W R16, 50W R20	
E4RTATSB	- 50VV PARZU, 40VV R10, 50VV R20	
Compatible with Halogen, Incandescent, LED* or CFL* lamps		



4001WB White Baffle, White Trim



4001BB Black Baffle, White Trim



Dimensions** H: 1-1/8" [28mm] OD: 5" [129mm]

4010 Metal Baffle

- Metal baffle
- · Friction clip retention
- · Formed metal trim ring

Housings	Max Lamp Compatibility				
E4TATSB	— 50W PAR20, 40W R16, 50W R20				
E4RTATSB	— 50VV PARZU, 40VV RT6, 50VV RZ0				

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Baffle, White Trim



Black Baffle, White Trim



Dimensions** H: 2-5/8" [67mm] OD: 5" [129mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Housings: H99TAT • H99RTAT • E4TATSB • E4RTATSB

4013 Full Cone Metal Baffle, Self-flange

- · Self-flange metal baffle
- · Friction clip retention
- · For use with H99 series housings only

Housings	Max Lamp Compatibility		
H99TAT	4013WB : 40W A19, 50W PAR20,		
H99RTAT	50W R20 4013BB : 50W PAR20, 45W R20		



White Baffle, White Trim



Black Baffle, White Trim



Dimensions** H: 4-1/2" [114mm] OD: 5" [129mm]

Compatible with Halogen, Incandescent, LED* or CFL* lamps

996 Adjustable Eyeball – 15° Tilt

- · Adjustable eyeball for use with PAR20 lamps only
- 15° tilt, 360° rotation
- · Precision die metal cast trim ring
- · Friction clip retention

Housings	Max Lamp Compatibility		
H99TAT	50W PAR20		
E4TATSB			
Compatible with Halogen, Incandescent, LED* or CFL* lamps			



White Eyeball, White Trim



996SN Satin Nickel Eyeball, Satin Nickel Trim



996TBZ Tuscan Bronze Eyeball, Tuscan Bronze Trim



Dimensions** A: 3-3/4" [94mm] H: 3-1/2" [88mm] OD: 5" [129mm]

998 Adjustable Eyeball - 30° Tilt

- · Adjustable eyeball for PAR16 and R16 lamps only
- 30° tilt, 360° rotation
- · Precision die metal cast trim ring
- · Friction clip retention

Housings	Max Lamp Compatibility			
H99TAT	40M P4C C0M PAP4C			
H99RTAT				
E4TATSB	40W R16, 60W PAR16			
E4RTATSB				
Compatible with Halogen, Incandescent, LED* or CFL* lamps				



White Eyeball, White Trim



998SN Satin Nickel Eyeball, Satin Nickel Trim



998TR7 Tuscan Bronze Eyeball, Tuscan Bronze Trim



Dimensions** A: 2-1/4" [56mm] H: 3-1/4" [83mm] OD: 5" [129mm]

4002 White Eyeball - 30° Tilt

- · Formed metal trim ring
- · Adjustable eyeball trim for R16 and PAR16 lamps only
- · Friction clin retention

Thetion dip retention			
Housings	Max Lamp Compatibility		
H99TAT			
H99RTAT	45\A/ DAD16 40\A/ D16		
E4TATSB	- 45W PAR16, 40W R16		
E4RTATSB			
Compatible with	n Halogen, Incandescent, LED* or CFL* lamps		





Dimensions** A: 2-1/8" [54mm] OD: 5" [127mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

Non-IC Housings: H99TAT • H99RTAT • E4TATSB • E4RTATSB

Lenses & Wet Location Showerlights.

951 Prismatic Glass Lens with Full Cone Reflector



- · Wet location listed for use as Showerlight
- Non-conductive, non-corrosive polymer trim
- · Prismatic glass lens
- · Full reflector for greatest light distribution
- · Friction clip retention
- For use with H99 series housings only
- · Shower trim front is non-electrically conductive "dead-front"



Full Reflector and Glass

Lens, White Trim





Full Reflector and Glass

Lens, Satin Nickel Trim



Tuscan Bronze Trim

Dimensions** H: 4-1/2" [114mm] OD: 5" [129mm]

Max Lamp Compatibility Housings H99TAT 40W A19, 50W R20, 50W PAR20 H99RTAT

Compatible with Halogen, Incandescent, LED* or CFL* lamps

952 Frosted Dome Lens with Cut-Cone Reflector

- Frosted glass dome Showerlight
- · Wet location listed
- · Non conductive, non corrosive polymer trim ring
- · High wall coverage in showers and baths from dome lens
- · Friction clip retention
- Shower trim front is non-electrically conductive "dead-front"



952PS

Dome Lens, White Trim



Dimensions** H: 2-5/8" [66mm] OD: 5" [129mm]

Max Lamp Compatibility Housings H99TAT H99RTAT 40W A19, 50W R20, 50W PAR20 E4TATSB E4RTATSB

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4055 Prismatic Glass Lens with Cut-Cone Reflector

- · Lens wet location trim
- · Friction clip retention
- Shower trim front is non-electrically conductive "dead-front"



Flat Glass Lens, White Trim



Dimensions** H: 2-5/8" [67mm] OD: 5" [129mm]

Max Lamp Compatibility Housings H99TAT

H99RTAT E4TATSB

40W A19, 50W PAR20, 50W R20

E4RTATSB

Compatible with Halogen, Incandescent, LED* or CFL* lamps

945 Metropolitan Ice Light

- · Frosted glass trim in natural or blue
- · For general down lighting
- · Friction clip retention

Housings	Max Lamp Compatibility
H99TAT	
H99RTAT	50W PAR20, 50W R20
E4TATSB	_
E4RTATSB 50W PAR20	
Compatible wit	h Halogen, Incandescent, LED* or CFL* lamps







Frosted Blue Glass



Dimensions** H: 2-1/8" [54mm] OD: 5" [129mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp. **Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

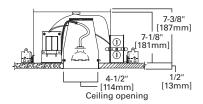
H1499ICAT

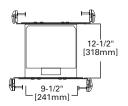




4" IC, Air-Tite, New Construction, 120V – 12V Low Voltage, MR16

H1499ICAT housing features an integral low voltage magnetic transformer that supplies 12 volts to MR16 lamps. The H1499ICAT is for installations where the housing will be in direct contact with insulation*. Air-Tite™ housing designed to restrict air flow between conditioned spaces and unconditioned areas.











Special Features

Got Nail!™ bar hangers

Pass-N-Thru™ bars

Slide-N-Side™ junction box

Quick Connect™ push wire nuts

Air-Tite™ code compliant

Compatible Trims

1419	1421	1493	1496	1498	1946
1420	1453	1495	1497	1945	1951

Features

Housing

- Double wall aluminum construction for greater heat dissipation
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

Plaster Frame

- Galvanized steel die-formed construction
- The inner housing can be removed from plaster frame to provide access to the junction box
- Plaster frame features include:
 - Regressed locking screw positioned for securing hanger bars from below the ceiling
 - · Cutouts for easily crimping hanger bars in position
 - · Air-Tite aperture gasket is pre-installed
 - · Halo identity embossed on plaster frame

Includes:

- Got Nail!™ bar hangers (Details Pg. 11)
- Pass-N-Thru[™] bars (Details Pg. 11)
- Slide-N-Side™ junction box wire traps (Details Pg. 11)
- Quick Connect[™] push wire nuts (Details Pg. 11)
- Air-Tite[™] code compliant (Details Pg. 11)

Socket

GU5.3 socket with reflector plate for bi-pin 12V MR16 lamps

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping

Transformer

Integral 120V magnetic transformer steps line voltage down to 12V lamp operating voltage. For MR16 lamps up to 50W.

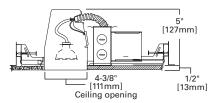
Compliance

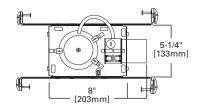
- · cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- cULus Listed for direct contact with insulation* and combustible material
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

*Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)

H1499TAT







H1499TAT

4" Non-IC, Air-Tite, Shallow New Construction, 120 – 12V Low Voltage, MR16

H1499TAT is a Non-IC Air-Tite™ housing with an integral low voltage magnetic transformer that supplies 12 volts to MR16 lamps. The H1499TAT is designed for use in non-insulated ceilings. If insulation is present it must be kept 3 inches away from all sides of housing. Non-IC housing is Air-Tite™ to meet restricted airflow code requirements.







Special Features

Got Nail!™ bar hangers Pass-N-Thru™ bars Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

1419	1421	1493	1496	1498	1946
1420	1453	1495	1497	1945	1951

Features

Housing

Formed of CRS with white powder coat finish

Plaster Frame

- Galvanized steel die-formed construction
- The housing can be removed from plaster frame to provide access to the junction box
- Plaster frame features include:
 - Regressed locking screw positioned for securing hanger bars from below the ceiling
 - · Cutouts for easily crimping hanger bars in position
 - · Halo identity embossed on plaster frame

Includes:

- Got Nail![™] bar hangers (Details Pg. 11)
- Pass-N-Thru[™] bars (Details Pg. 11)
- Slide-N-Side™ junction box wire traps (Details Pg. 11)
- Quick Connect[™] push wire nuts (Details Pg. 11)
- Air-Tite[™] code compliant (Details Pg. 11)

Socket

GU5.3 socket with reflector plate for bi-pin 12V MR16 lamps

Transformer

Integral 120V magnetic transformer steps line voltage down to 12V lamp operating voltage. For MR16 lamps up to 50W.

Thermal Protector

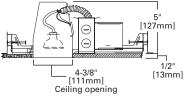
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

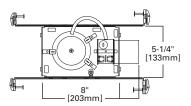
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- IP rated (Improper Lamp)

4 INCH

H1499TCP







H1499TCP

4" Non-IC, New Construction, 120V/277V – 12V Low Voltage, MR16, Chicago Plenum

H1499TCP is a Non-IC housing designed for non-insulated Chicago Plenum rated ceilings. H1499TCP features an integral low voltage dual-tap 120V/277V transformer that supplies 12 volts to MR16 lamps. H1499TCP is for non-insulated ceilings. If installed in insulated ceilings, insulation must be kept 3 inches away from all sides of housing.







Special Features

Got Nail!™ bar hangers Pass-N-Thru™ bars Quick Connect™ push wire nuts

Compatible Trims

1419	1421	1493	1496	1498	1946
1420	1453	1495	1497	1945	1951

Features

Housing

Formed of CRS with white powder coat finish

Plaster Frame

- · Galvanized steel die-formed construction
- The housing can be removed from plaster frame to provide access to the junction box
- Plaster frame features include:
 - Regressed locking screw positioned for securing hanger bars from below the ceiling
 - Cutouts for easily crimping hanger bars in position
 - · Halo identity embossed on plaster frame

Junction Box:

- · Positioned to accommodate straight conduit runs
- Six 1/2" trade size conduit knockouts
- Gasketed junction box per Chicago Plenum standards

Includes:

- Got Nail!™ bar hangers (Details Pg. 11)
- Pass-N-Thru[™] bars (Details Pg. 11)
- Quick Connect[™] push wire nuts (Details Pg. 11)
- · Chicago Plenum

Transformer

Integral 120/277V dual-tap magnetic transformer steps line voltage down to 12V nominal lamp operating voltage. Rated for 50W max. Housing ships as 277V model with 120V transformer wire lead capped. For use in 120V systems, simply cap the 277V wire lead and use 120V lead (refer to wiring diagram).

Socket

GU5.3 socket with reflector plate for bi-pin 12V MR16 lamps

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping

- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- · City of Chicago Plenum

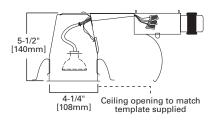
H1499RTAT

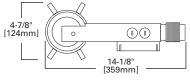


H1499RTAT

4" Non-IC, Shallow Remodel 120V – 12V Low Voltage, MR16

H1499RTAT is a Non-IC Air-Tite™ remodel housing with an integral low voltage magnetic transformer that supplies 12 volts to MR16 lamps. The H1499RTAT is designed for use in non-insulated existing ceilings. If insulation is present it must be kept 3 inches away from all sides of housing. For installation from below the ceiling. Non-IC housing is Air-Tite™ to meet restricted air flow requirements.











Special Features

Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

1419	1421	1493	1496	1498	1946
1420	1453	1495	1497	1945	1951

Features

Housing

Formed of CRS with white powder coat finish

Remodel Clips

Four remodel clips secure housing and accommodates 1/2" and 5/8" ceiling materials

Junction Box

- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Four pry-outs with integral strain relief for non-metallic (NM) sheathed cable

Includes:

- Quick Connect[™] push wire nuts (Details Pg. 11)
- Air-Tite™ code compliant (Details Pg. 11)

Socket

GU5.3 socket with reflector plate for bi-pin 12V MR16 lamps

Transformer

Integral 120V magnetic transformer steps line voltage down to 12V nominal lamp operating voltage. For MR16 lamps up to 50W.

Support Spring

Support spring helps support weight of junction box and transformer. Automatically adjusts for different ceiling materials.

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

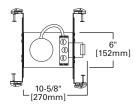
- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

H1499T75





[150mm] [111mm] Ceiling opening



H1499T75

4" Non-IC, New Construction, 120V/277V - 12V Low Voltage, MR16

H1499T75 is a low voltage housing for providing accent, task, and general lighting with up to 75W 12V MR16 lamps. The H1499T75 features a dual-tap transformer for 120V or 277V input. H1499T75 is for non-insulated ceilings. If installed in insulated ceilings, insulation must be kept 3 inches away from all sides of housing.





Special Features

Got Nail!™ bar hangers Slide-N-Side™ junction box Quick Connect™ push wire nuts

Compatible Trims

1419	1421	1493	1496	1498	1946
1420	1453	1495	1497	1945	

Features

Housing

Formed of CRS with white powder coat finish

Plaster Frame

- · Galvanized steel construction
- The housing can be removed from plaster frame to provide access to the junction box
- · Plaster frame features include:
 - Regressed locking screw positioned for securing hanger bars from below the ceiling
 - · Cutouts for easily crimping hanger bars in position
 - · Halo name embossed on plaster frame

Includes:

- Got Nail![™] bar hangers (Details Pg. 11)
- Pass-N-Thru[™] bars (Details Pg. 11)
- Slide-N-Side™ junction box wire traps (Details Pg. 11)
- Quick Connect™ push wire nuts (Details Pg. 11)

Transformer

Integral 120/277V dual-tap magnetic transformer steps line voltage down to 12V nominal lamp operating voltage. Rated for 50W max. Housing ships as 277V model with 120V transformer wire lead capped. For use in 120V systems, simply cap the 277V wire lead and use 120V lead (refer to wiring diagram).

Socket

GU5.3 socket with reflector plate for bi-pin 12V MR16 lamps

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping

Compliance

- · cULus Listed 1598 luminaire
- · cULus Listed for damp location
- · cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- IP Rated (Improper Lamp)

1421 Precision Reflector - 35° Tilt

- Precision die cast metal trim ring with spun reflector cone
- · Provides general illumination
- 35° Tilt
- Friction clip "cat paw" retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Housings	Max Lamp Compatibility
H1499TAT H1499RTA	T — 50W 12V MR16
H1499ICAT H1499TCP	— 30VV 12V IVIN10
H1499T75	75W 12V MR16



Black Specular Reflector, White Trim





Residential Gold Reflector, White Trim



White Reflector, White Trim



1421CG Champagne Gold Reflector, White Trim



Haze Reflector, White Trim

1421SN



Clear Specular Reflector, White Trim



1421TBZ Satin Nickel Reflector, Tuscan Bronze Reflector, Satin Nickel Trim Tuscan Bronze Trim



Dimensions** H: 1-3/8" [33mm] OD: 5" [129mm]

^{**}Key: H: Height, OD: Trim Outside Diameter

H4 Low Voltage Trims

Low Voltage Housings: H1499ICAT • H1499TAT • H1499TCP • H1499RTAT • H1499T75

1493 Coilex® Baffle - 35° Tilt

- Precision die cast metal trim ring
- Coilex[®] phenolic baffle
- · Provides general illumination
- 35° tilt
- · Friction clip "cat paw" retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Housings	Max Lamp Compatibility
H1499TAT H1499RTAT	50W 12V MR16
H1499ICAT H1499TCP	SUVV 12V IVIN10
H1499T75	75W 12V MR16



1493W

White Trim

White Coilex Baffle,



Black Coilex Baffle,

White Trim







1493BC Black Coilex Baffle, Black Chrome Trim

1493TBZ Black Coilex Baffle, Tuscan Bronze Trim



Dimensions** H: 1-3/8" [33mm] OD: 5" [129mm]

1453 Precision Metal Baffle - 35° Tilt

- Precision die cast metal trim ring with matching finish metal baffle
- · Provides general illumination
- 35° tilt
- Friction clip "cat paw" retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Housings	Max Lamp Compatibility			
H1499TAT H1499RTAT	50W 12V MR16			
H1499ICAT H1499TCP	SUVV 12V IVIN10			
H1499T75	75W 12V MR16			



1453SN Satin Nickel Baffle, Satin Nickel Trim



1453TBZ Tuscan Bronze Baffle, Tuscan Bronze Trim



Dimensions** H: 1-1/4" [30mm] OD: 5" [129mm]

1419 Pinhole Baffle

- 1-7/8" pinhole opening
- · Precision die cast metal trim ring with metal baffle
- · For concentrated accent lighting
- · Friction clip "cat paw" retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Max Lamp Compatibility
50W 12V MR16
JUVV 12V IVINTO
75W 12V MR16



White Baffle, White Trim



1419P Black Baffle, White Trim



1419SN Black Baffle, Satin Nickel Trim Black Baffle, Tuscan



1419TBZ Bronze Trim



Dimensions** A: 1-7/8" [46mm] H: 1-3/8" [33mm] OD: 5" [129mm]

Low Voltage Housings: H1499ICAT • H1499TAT • H1499TCP • H1499RTAT • H1499T75

1420 Adjustable Slot Aperture - 35° Tilt

- · Precision die cast metal trim ring with slot aperture
- · For directional accent lighting
- 35° tilt, 360° rotation
- Friction clip "cat paw" retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Housings	Max Lamp Compatibility			
H1499TAT H1499RTAT	50W 12V MR16			
H1499ICAT H1499TCP	SUVV 12V IVIN10			
H1499T75	75W 12V MR16			



1420P Slot Aperture, White Trim



1420SN Slot Aperture, Satin Nickel Trim



1420TBZ Slot Aperture, Tuscan Bronze Trim



Dimensions** A: 2-1/8" x 1-3/8" [53mm x 35mm] H: 1-1/4" [32mm] OD: 5" [129mm]

1495 Adjustable Gimbal - 30° Tilt

- · Precision die cast metal trim ring and gimbal
- For directional accent lighting
- 30° tilt, 360° rotation
- · Friction clip "cat paw" retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Housings	Max Lamp Compatibility
H1499TAT H1499RTAT	50W 12V MR16
H1499ICAT H1499TCP	SUVV 12V IVIN10
H1499T75	75W 12V MR16



White Gimbal, White Trim



1495SN Satin Nickel Gimbal, Satin Nickel Trim



1495TBZ Tuscan Bronze Gimbal, Tuscan Bronze Trim



Dimensions** A: 1-3/4" [44mm] H: 1-1/4" [30mm] OD: 5" [129mm]

1496 Retractable Elbow - 60° Tilt

- · Precision die cast metal trim ring with matching finish retractable elbow
- · For directional accent lighting
- 60° tilt, 360° rotation
- · Friction clip "cat paw" retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Housings	Max Lamp Compatibility
H1499TAT H1499RTAT	50W 12V MR16
H1499ICAT H1499TCP	SUVV IZV IVINIO
H1499T75	75W 12V MR16



White Elbow, White Trim



1496SN Satin Nickel Elbow, Satin Nickel Trim



1496TBZ Tuscan Bronze Elbow, Tuscan Bronze Trim



Dimensions** A: 1-3/4" [44mm] H: 1-1/8" [29mm] OD: 5" [129mm]

1497 Adjustable Mirror Trim - 90° Tilt

- Precision die cast metal trim ring with 90° adjustable scoop
- For directional accent lighting ideal for wall wash applications
- 90° tilt, 360° rotation
- · Friction clip "cat paw" retention
- Clear cover glass included with each trim. for use with non-cover glass MR16 lamps

Housings	Max Lamp Compatibility
H1499TAT H1499RTAT	50W 12V MR16
H1499ICAT H1499TCP	JUVV 12V IVINTO
H1499T75	75W 12V MR16



White Scoop, White Trim



Dimensions** OD: 5" [129mm]

H4 Low Voltage Trims

Low Voltage Housings: H1499ICAT • H1499TAT • H1499TCP • H1499RTAT • H1499T75

1498 Adjustable Eyeball with Baffle - 30° Tilt

- · Precision die cast metal trim ring with matching finish eyeball
- For directional accent lighting
- 30° tilt, 360° rotation
- · Friction clip "cat paw" retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Housings		Max Lamp Compatibility
H1499TAT	H1499RTAT	50W 12V MR16
H1499ICAT	H1499TCP	SUVV 12V IVIN10
H1499T75		75W 12V MR16



White Eyeball, White Baffle, White Trim

Tuscan Bronze Eveball. Black Baffle, Tuscan Bronze Trim



White Eyeball, Black Baffle, White Trim



Black Chrome Eyeball, Black Baffle, Black Chrome Trim



Satin Nickel Eyeball, Black Baffle, Satin Nickel Trim



Dimensions** A: 2" [51mm] H: 2-5/8" [67mm] OD: 5" [129mm]

Lenses & Wet Location Showerlights · · · · ·

1945 Metropolitan Ice Light

- · Frosted glass trim in clear or blue
- Provides general illumination
- · Friction clip retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Housings	Max Lamp Compatibility			
H1499TAT H1499RTAT	50W 12V MR16			
H1499TCP	SUVV 12V IVIK16			
H1499ICAT	42W 12V MR16			
H1499T75	75W 12V MR16			



Frosted Clear Glass



Frosted Blue Glass



Dimensions** H: 3-1/8" [79mm] OD: 5-3/8" [135mm]

1946 Metropolitan Deco

- · Polished metallic accents with translucent rings
- Provides general illumination
- Friction clip retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Housings	Max Lamp Compatibility
H1499TAT H1499RTAT	50W 12V MR16
H1499TCP	SUVV 12V IVIN10
H1499ICAT	42W 12V MR16
H1499T75	75W 12V MR16



1946BC Black Chrome Accent, Translucent Ring



Dimensions** H: 1-5/8" [41mm] OD: 5-5/8" [143mm]

1951 Regressed Clear Lens Showerlight

- · Wet location listed for use in showers
- · Non-conductive, non-corrosive polymer trim and fixed clear glass lens
- Clear specular splay reflector
- 15° tilt, 360° rotation
- · Friction clip retention

Housings	Max Lamp Compatibility				
H1499TAT H1499ICAT	35W 12V MR16				
H1499TCP	33VV 12V IVIN10				
H1499RTAT	50W 12V MR16				



1951PS Clear Specular Splay Reflector, White Trim



1951SNS Clear Specular Splay Reflector, Satin Nickel Trim



1951TB7S Clear Specular Splay Reflector, Tuscan Bronze Trim

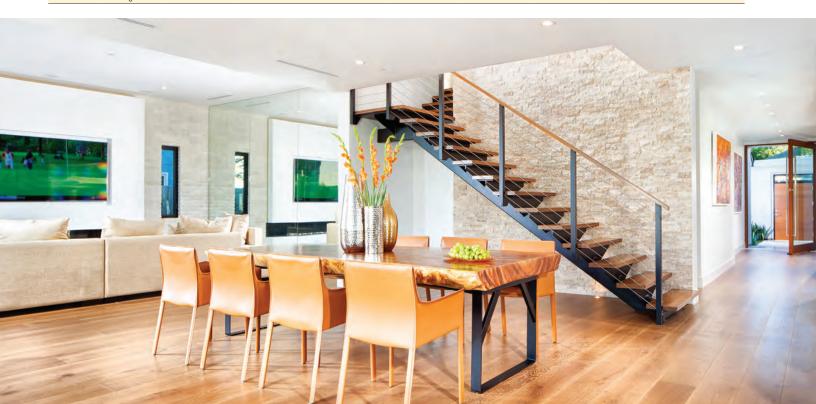


Dimensions** H: 2-1/2" [63mm] OD: 5" [129mm]



E26 Screw Base Insulated Ceiling Housings & Trims Quick Reference - IC

Trim #	Style	H5ICAT	H5RICAT	E5ICAT	E5RICAT	H25ICAT	H5ICATNB	E5ICATNB	H25ICATNB
5000	Splay	•	•	•	•	•	•	•	•
5001	Baffle	•	•	•	•	_	•	•	_
5010	Baffle	•	•	•	•	_	•	•	_
5014	Baffle	•	•	•	•	•	•	•	•
5016	Baffle	•	•	•	•	_	•	•	_
5020	Reflector	•	•	•	•	_	•	•	_
5021	Reflector	•	•	•	•	_	•	•	_
5051	Showerlight	•	•	•	•	_	•	•	_
5054	Showerlight	•	•	•	•	•	•	•	•
5060	Adjustable	•	•	•	•	•	•	•	•
5070	Adjustable	•	•	•	•	•	•	•	•
5071	Adjustable	•	•	•	•	•	•	•	•
5102	Baffle	•	•	•	•	•	_	_	_
5107	Reflector	•	•	•	•	•	_	_	_
5109	Baffle	•	•	•	•	•	_	_	_
5110	Baffle	•	•	•	•	•	_	_	_
5120	Reflector	•	•	•	•	_	•	•	_
5121	Reflector	•	•	•	•	•	•	•	•
5125	Baffle	•	•	•	•	_	•	•	_
5126	Baffle	•	•	•	•	•	•	•	•
5130	Adjustable	•	•	•	•	•	•	•	•
5135	Adjustable	•	•	•	•	•	•	•	•
5145	Open Showerlight	•	•	•	•	•	•	•	•
5146	Open Showerlight	•	•	•	•	_	•	•	_
5150	Showerlight	•	•	•	•	•	•	•	•
5162	Showerlight	•	•	•	•	•	•	•	•
5165	Adjustable	•	•	•	•	•	•	•	•
5175	Open	•	•	•	•	•	-	_	_
5176	Open	•	•	•	•	•	•	•	•
5185	Splay	•	•	•	•	•	_	_	_
5186	Splay	•	•	•	•	•	•	•	•
5222	Adjustable	•	•	•	•	_	•	•	_
5230	Showerlight	•	•	•	•	_	•	•	_
5255	Showerlight	•	•	•	•	_	•	•	_

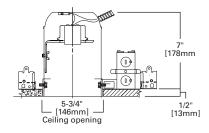


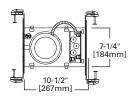
H5ICAT



5" IC, Air-Tite, New Construction Housing, 120V

The H5ICAT recessed housing is designed for residential and light commercial applications. H5ICAT features full-frame robust construction, feed through listing, Got Nail! bar hangers, and may support the use of higher wattage lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H5ICAT is designed for use in insulated ceilings and may be in direct contact with insulation*. May be retrofit with compatible Halo LED lighting systems.











Special Features

Got Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

185
186
222
230
255
1



c(VL)us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- Single wall aluminum housing
- Sealed and gasketed for Air-Tite[™] ready installation
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)
- Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame

- · Galvanized steel construction
- The housing can be removed from plaster frame to provide access to the junction box
- Plaster frame features include:
 - Regressed locking screw positioned for securing hanger bars from below the ceiling
 - · Cutouts for easily crimping hanger bars in position
 - · Halo name embossed on plaster frame
 - · Pre-installed Air-Tite ready ceiling contact gasket

Includes:

- Got Nail![™] bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru[™] (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

Socke

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

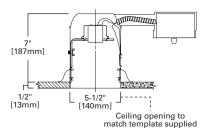
- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

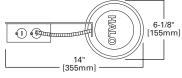
^{*}Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)



5" IC, Air-Tite, Remodel Housing, 120V

The H5RICAT recessed housing is designed for residential and light commercial applications. H5RICAT remodel housing features robust construction and may support the use of higher wattage lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H5RICAT is for use in insulated ceilings and may be in direct contact with insulation*. Remodel housing is designed for installation from below the finished ceiling. May be retrofit with compatible Halo LED lighting systems.











Special Features

Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

5021	5102	5125	5150	5185	
5051	5107	5126	5162	5186	
5054	5109	5130	5165	5222	
5060	5110	5135	5175	5230	
5070	5120	5145	5176	5255	
5071	5121	5146			
	5051 5054 5060 5070	5051 5107 5054 5109 5060 5110 5070 5120	5051 5107 5126 5054 5109 5130 5060 5110 5135 5070 5120 5145	5051 5107 5126 5162 5054 5109 5130 5165 5060 5110 5135 5175 5070 5120 5145 5176	5051 5107 5126 5162 5186 5054 5109 5130 5165 5222 5060 5110 5135 5175 5230 5070 5120 5145 5176 5255



us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- Gasketed die-stamped aluminum
- Pre-installed Air-Tite™ ready ceiling contact gasket on flange
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Remodel Springs

Four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling material

Junction Box

- Seven 1/2" trade size conduit knockouts with true pry-out slots
- · Four type non-metallic (NM) cable pry-outs simplify installation

Includes:

- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

Socket

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- · Overspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

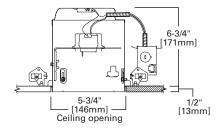
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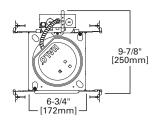
E5ICAT



5" IC, Air-Tite, New Construction Housing, 120V

The E5ICAT is a compact and efficient recessed housing optimized and listed for EISA compliant tungsten-halogen, CFL and LED lamps as well as incandescent. E5ICAT housing is suitable for residential or light commercial applications. For installation in insulated ceilings* and non-insulated ceilings; with Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with Halo LED lighting systems.











Special Features

All-Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Hinged j-box with Slide-N-Side™ Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

5000	5021	5102	5125	5150	5185
5001	5051	5107	5126	5162	5186
5010	5054	5109	5130	5165	5222
5014	5060	5110	5135	5175	5230
5016	5070	5120	5145	5176	5255
5020	5071	5121	5146		



c(UL)us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- Single wall die-formed aluminum housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, frame and finished ceiling - without need for additional caulk
- May be removed from the plaster frame to provide access to junction box

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame

- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" - 1" ceiling thickness.
- (2) Regressed locking screws for securing hanger bars

Includes

- All-Nail![™] bar hangers (Details Pg. 15)
- q-Channel bars with Pass-N-Thru[™] (Details Pg. 15)
- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect[™] push wire nuts (Details Pg. 15)
- Air-Tite[™] code compliant (Details Pg. 15)

Socke

- · Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Shipped with socket overspray protector installed

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

^{*}Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

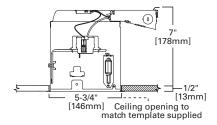
E5RICAT

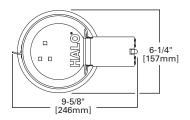


E5RICAT

5" IC, Air-Tite, Remodel Housing, 120V

The E5RICAT is a compact and efficient recessed housing optimized and listed for EISA compliant, tungsten-halogen, CFL and LED lamps as well as incandescent. E5RICAT remodel housing is suitable for residential or light commercial applications. For installation in insulated ceilings* and non-insulated ceilings; with Air-Tite code compliant construction. Remodel housing is designed for installation from below the finished ceiling. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with Halo LED lighting systems.











Special Features

Hinged j-box with Slide-N-Side™ Quick Connect™ wiring tray Air-Tite™ code compliant

Compatible Trims

5000	5021	5102	5125	5150	5185
5001	5051	5107	5126	5162	5186
5010	5054	5109	5130	5165	5222
5014	5060	5110	5135	5175	5230
5016	5070	5120	5145	5176	5255
5020	5071	5121	5146		



(UL)us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- · Single wall die-formed aluminum housing
- Die formed flange maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, flange and finished ceiling - without need for additional caulk
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

Remodel Retention System - Speed Clamps

 Exclusive two integral speed clamps securely lock housing to ceiling, accommodating 3/8" to 2" ceiling material

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Includes:

- Hinged junction box with Slide-N-Side[™] (Details Pg. 15)
- Quick Connect[™] wiring tray (Details Pg. 15)
- Air-Tite[™] code compliant (Details Pg. 15)

Socket

- · Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- · Shipped with socket overspray protector installed

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Quick Connect™ Wiring Tray

- (3) Color coded 4-port push-in wire nuts included
- Captive tray holds push-nuts in place for one-handed connections to line, neutral & ground
- · Speeds installation and increases reliability
- · No additional wire nuts required

Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

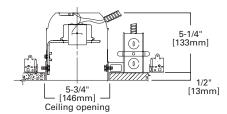
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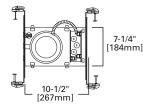




5" IC, Air-Tite, Shallow New Construction Housing, 120V

The H25ICAT recessed housing is designed for residential and light commercial applications. The H25ICAT is designed for use in shallow ceilings and features full-frame robust construction, feed through listing, Got Nail! bar hangers; and may support the use of higher wattage lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H25ICAT is designed for use in shallow insulated ceilings and may be in direct contact with insulation*. May be retrofit with compatible Halo LED lighting systems.











Special Features

Got Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

5000	5070	5109	5130	5162	5176
5014	5071	5110	5135	5165	5185
5054	5102	5121	5145	5175	5186
5060	5107	5126	5150		



Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- · Single wall aluminum housing
- Sealed and gasketed for Air-Tite[™] ready installation
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)
- Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame

- · Galvanized steel construction
- The housing can be removed from plaster frame to provide access to the junction box
- · Plaster frame features include:
 - Regressed locking screw positioned for securing hanger bars from below the ceiling
 - Cutouts for easily crimping hanger bars in position
 - · Halo name embossed on plaster frame
 - Pre-installed Air-Tite ready ceiling contact gasket

Specifications, compliances and dimensions subject to change without notice

Includes:

- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

- · Porcelain socket with nickel plated brass screw shell
- Snaps into trim for consistent lamp positioning
- Overspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- · Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

^{*}Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

Reflectors · ·

5020 PAR Reflector

- Straight precision sided trim ring (fixed, not removable)
- · Torsion spring retention
- · Dual socket position for BR and PAR lamps
- · Socket supporting

Housings	Max Lamp Compatibility
H5ICAT	75W PAR30S, 60W R30, 60W BR30
H5RICAT	50W PAR30S, 50W PAR30L, 60W BR30
E5ICAT	5020P, 5020H, 5020SC, 5020BL:
E5RICAT	60W PAR30S, 60W BR30 5020SN, 5020TBZ : 60W PAR30S, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5020P White Reflector, White Trim

Satin Nickel Reflector,

Satin Nickel Trim

5020SN



5020H Haze Reflector, White Trim

Tuscan Bronze Reflector,

Tuscan Bronze Trim

5020TBZ



5020SC Clear Specular Reflector, White Trim



5020BL Black Specular Reflector, White Trim



Dimensions** H: 3-1/4" [82mm] OD: 6-3/8" [162mm]

5021 Full Reflector

- Straight precision sided trim ring (fixed, not removable)
- · Torsion spring retention
- · For use with A-lamps
- · Socket supporting

Housing	js	Max Lamp Compatibility	
H5ICAT	H5RICAT	40W A19	
E5ICAT	E5RICAT	29W A19	
Compatible with Halogen, Incandescent, LED* or CFL* lamps			



5021H Haze Reflector, White Trim



5021SC Clear Specular Reflector, White Trim



5021TBZ Tuscan Bronze Reflector, Tuscan Bronze Trim



Dimensions** H: 5" [127mm] OD: 6-3/8" [162mm]

5107 Specular Reflector, Self-flange

- · Self-flange reflector cone
- Contoured tapered sides of cone reflector for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICAT H5RICAT	50W PAR30S, 75W PAR30L,
E5ICAT E5RICAT	65W BR30
H25ICAT	50W PAR30S, 60W PAR30L, 60W BR30
Compatible with Halo	gen. Incandescent, LED* or CFL* lamps



5107SC Specular Reflector, White Self-flange



Dimensions** A: 4-3/4" [121mm] H: 2-3/8" [60mm] OD: 6-5/8" [168mm]

5120 Full Cone Reflector, Self-flange

- · Full cone reflector
- · Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housin	gs	Max Lamp Compatibility
H5ICAT	H5RICAT	5120WH: 29W A19, 50W PAR30S
		60W PAR30L, 65W BR30
		5120SN, 5120TBZ: 29W A19,
E5ICAI	E5RICAT	50W PAR30S, 60W PAR30L,
		50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5120WH White Reflector, White Self-flange



5120SN Satin Nickel Reflector, Satin Nickel Self-flange



5120TBZ Tuscan Bonze Reflector, Tuscan Bronze Self-flange



Dimensions** A: 4-3/4" [121mm] H: 6-1/4" [160mm] OD: 6-5/8" [168mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5121 Shallow Full Cone Reflector, Self-flange

- · Shallow full cone reflector
- · Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility	
H5ICAT	H5RICAT	50W PAR30S, 75W PAR30L,	
E5ICAT	E5RICAT	65W BR30	
H25ICAT		50W PAR20, 50W PAR30S,	
75W PAR30L, 65W BR30			
Compatible with Halogen, Incandescent, LED* or CFL* lamps			





Dimensions** A: 4-3/4" [121mm] H: 5-1/3" [135mm] OD: 6-5/8" [168mm]

Baffles·····

5001 PAR Metal Baffle Splay

- · Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Dual socket position for BR and PAR lamps
- · Socket supporting

Housings	Max Lamp Compatibility
H5ICAT	35W PAR20, 75W PAR30S, 65W BR30, 30W R20
H5RICAT	35W PAR20, 50W PAR30S, 50W PAR30L, 60W BR30, 30W R20
E5ICAT	5001P : 35W PAR20, 60W PAR30S,
E5RICAT	60W PAR30L, 65W BR30 5001MB, 5001SN, 5001TBZ: 35W PAR20, 60W PAR30S, 60W PAR30L, 60W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5001P White Baffle, White Trim



Black Baffle, White Trim



5001SN Satin Nickel Baffle, Satin Nickel Trim



Tuscan Bronze Baffle, Tuscan Bronze Trim



Dimensions** H: 6-1/8" [152mm] OD: 6-3/8" [156mm]

5010 PAR Metal Step Baffle

- Straight precision sided trim ring (fixed, not removable)
- · Torsion spring retention
- Dual socket position for BR and PAR lamps
- · Socket supporting

Towns A. Tree	

5010W White Baffle, White Trim



5010 Black Baffle, White Trim



Dimensions** H: 2" [52mm] OD: 6-3/8" [156mm]

Housings Max Lamp Compatibility

H5ICAT	75W PAR30S, 60W R30, 60W BR30
H5RICAT	50W PAR30S, 50W PAR30L, 60W BR30
E5ICAT	60W PAR30S, 60W PAR30L, 60W BR30
E5RICAT	50W PAR30S, 60W PAR30L, 60W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5014 Shallow Metal Baffle, Self-flange

- · For use in shallow housing
- · Straight precision sided trim ring (fixed, not removable)
- · Torsion spring retention
- · Socket supporting

Housings		Max Lamp Compatibility
H5ICAT	H5RICAT	50W PAR30S, 75W PAR30L,
E5ICAT	E5RICAT	65W BR30



5014P White Baffle, White Trim



Black Baffle, White Trim



Dimensions** A: 4-3/4" [121mm] H: 2-3/8" [60mm] OD: 6-5/8" [168mm]

Compatible with Halogen, Incandescent, LED* or CFL* lamps

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp. **Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5016W

5016 Coilex® Baffle with Reflector

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Dual socket position for BR and PAR lamps
- Socket supporting

Housings	Max Lamp Compatibility
H5ICAT	60W PAR30S, 60W PAR30L, 50W BR30
H5RICAT	00VV FANSUS, 00VV FANSUL, 50VV BNSU
E5ICAT	60W PAR30S, 60W PAR30L, 50W BR30
E5RICAT	60VV PARSUS, 60VV PARSUL, 50VV BRSU
Compatible with	Halogen, Incandescent, LED* or CFL* lamps



White Baffle, White Trim



Black Baffle, White Trim



Dimensions** H: 6-3/4" [171mm] OD: 6-3/8" [162mm]

5102 Tapered Metal Baffle, Self-flange

- Contoured tapered sides of metal baffle for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5ICAT I	15RICAT	50W PAR30S, 75W PAR30L,
E5ICAT E	5RICAT	65W BR30
H25ICAT		50W PAR30S, 60W PAR30L, 60W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps





Dimensions** A: 4-3/4" [121mm] H: 2-3/8" [60mm] OD: 6-5/8" [168mm]

White Baffle, White Self-flange Black Baffle, White Self-flange

5109 Coilex® Tapered Baffle, Self-flange

- Contoured tapered sides of Coilex baffle for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICAT H5RICAT	50W PAR30S, 60W PAR30L,
E5ICAT E5RICAT	60W BR30
H25ICAT	39W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5109WB White Plastic Straight Coilex Baffle, White Self-flange



5109BB Black Plastic Straight Coilex Baffle, White Self-flange



5109BKBB Black Plastic Straight Coilex Baffle, Black Self-flange



Dimensions** A: 4-3/4" [121mm] H: 2-3/8" [60mm] OD: 6-5/8" [168mm]

5110 Perftex™ Baffle, Self-flange

- Perforated pattern baffle contoured for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICAT H5RICAT	50W PAR30S, 60W PAR30L,
E5ICAT E5RICAT	50W BR30
H25ICAT	5110WB: 39W PAR30S, 60W PAR30L, 50W BR30 5110BB, 5110BKBB: 39W PAR30S, 60W PAR30L, 40W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5110WB White Perftex Baffle, White Self-flange



5110RR Black Perftex Baffle, White Self-flange



5110BKBB Black Perftex Baffle, Black Self-flange



Dimensions** A: 5-1/2" [141mm] H: 2-1/8" [55mm] OD: 6-5/8" [168mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

IC Housings: H5ICAT • H5RICAT • E5ICAT • E5RICAT • H25ICAT

5125 Full Cone Baffle, Self-flange



- Torsion springs retention
- · Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5ICAT	H5RICAT	5125WB : 29W A19, 50W PAR30S, 60W PAR30L, 65W BR30
E5ICAT	E5RICAT	5125BB & 5125BKBB: 29W A19, 50W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5125WB



White Baffle, White Self-flange White Baffle, Black Self-flange Black Baffle, Black Self-flange





Dimensions**A: 4-3/4" [121mm]
H: 6-1/4" [160mm]
OD: 6-5/8" [168mm]

5126 Shallow Full Cone Baffle, Self-flange

- · Shallow full cone baffle
- · Torsion springs retention
- · Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICAT H5RICAT	50W PAR30S, 75W PAR30L,
E5ICAT E5RICAT	65W BR30
H25ICAT	5126WB : 50W PAR20, 50W PAR30S, 75W PAR30L, 65W BR30 5126BB : 50W PAR20, 50W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps







Dimensions** A: 4-3/4" [121mm] H: 5-1/3" [135mm] OD: 6-5/8" [168mm]

5126WBWhite Baffle, White Self-flange Black Baffle, White Self-flange

5060 Adjustable Gimbal 20° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- For directional accent lighting
- Torsion springs retention
- 20° tilt 360° rotation
- · Socket supporting



5060P White Gimbal, White Trim

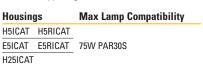


Dimensions** H: 3-1/4" [82mm] OD: 6-3/8" [162mm]

Housings Max Lamp Compatibility H5ICAT H5RICAT E5ICAT E5RICAT 50W PAR30S Compatible with Halogen, Incandescent, LED* or CFL* lamps

5070 Adjustable Eyeball 30° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- For directional accent lighting
- Torsion springs retention30° tilt 360° rotation
- Cashat awasantina
- Socket supporting



Compatible with Halogen, Incandescent, LED* or CFL* lamps



5070PWhite Eyeball, White Trim



5070SNSatin Nickel Eyeball,
Satin Nickel Trim



5070TBZTuscan Bronze Eyeball,
Tuscan Bronze Trim



Dimensions**A: 3-7/8" [98mm]
H: 3-3/8" [86mm]
OD: 6-3/8" [162mm]

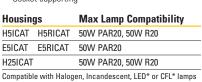
^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

IC Housings: H5ICAT • H5RICAT • E5ICAT • E5RICAT • H25ICAT

5071 Adjustable Eyeball 30° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- · For directional accent lighting
- · Torsion springs retention
- 30° tilt 360° rotation
- · Socket supporting







Dimensions** OD: 6-1/2" [165mm]

5130 Eyeball 35° Tilt, Self-flange

- Adjustable 35° tilt, 360° rotation
- · Design optimized for PAR30S (short-neck) lamp
- · Torsion spring retention
- · Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5ICAT	H5RICAT	
E5ICAT	E5RICAT	75W PAR30S
H25ICAT		

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5130WH White Eyeball, White Trim



Dimensions** A: 3-7/8" [98mm] H: 2-1/4" [58mm] OD: 6-5/8" [168mm]

5135 Eyeball 35° Tilt, Self-flange

- Conical adjustable eyeball trim for PAR20 lamp
- · Torsion spring retention
- · Socket supporting
- 35° tilt, 360° rotation
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5ICAT	H5RICAT	
E5ICAT	E5RICAT	50W PAR20
H25ICAT		

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5135WH White Eyeball, White Trim, Self-flange



Dimensions** A: 2-3/4" [70mm] H: 2-1/4" [58mm] OD: 6-5/8" [168mm]

5165 Gimbal 35° Tilt, Self-flange

- · Adjustable gimbal trim for PAR30S (short-neck) lamp
- Torsion spring retention
- · Socket supporting
- 35° tilt, 360° rotation
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5ICAT	H5RICAT	
E5ICAT	E5RICAT	50W PAR30S
H25ICAT		
Compatib	le with Halog	en, Incandescent, LED* or CFL* lamps



5165WH White Gimbal, White Trim



5165BK Black Gimbal, Black Trim



5165SN Satin Nickel Gimbal, Satin Nickel Trim



5165TBZ Tuscan Bronze Gimbal, Tuscan Bronze Trim



Dimensions** A: 3-3/8" [85mm] H: 1-1/8" [29mm] OD: 6-5/8" [168mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5222 Regressed Angle Cut Adjustable Gimbal, 30°Tilt, Self-flange

- · Fully regressed gimbal
- · Torsion spring retention
- · 30° tilt, 360° rotation
- Socket supporting

Housings

H5ICAT H5RICAT

E5ICAT E5RICAT

- · Angle cut cone reflector and baffle options
- Accommodates tilt of gimbal in a full regressed cut cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances



5222WB White Baffle & Gimbal, White Trim



5222BB Black Baffle & Gimbal. White Trim



5222SC Specular Clear Reflector & Gimbal, White Trim



5222H Haze Reflector & Gimbal, White Trim



Dimensions** A: 5"127mm] H: 3-1/8" [79mm] OD: 6-5/8" [168mm]

Max Lamp Compatibility

35W PAR30L

Compatible with Halogen, Incandescent, LED* or CFL* lamps

Max Lamp Compatibility

39W PAR30S, 60W PAR30L

Compatible with Halogen, Incandescent, LED* or CFL^* lamps

5051 Frosted Glass Lens

- · Frosted glass lens
- · Straight precision sided trim
- · "Dead-Front" construction, wet location listed Showerlight
- · Non-conductive, non-corrosive gasketed polymer trim ring
- · Torsion spring retention

Housings

H5ICAT H5RICAT

E5ICAT E5RICAT



5051PS Frosted Glass Lens, White Trim



Dimensions** H: 5-9/16" [141mm] OD: 6-7/16" [164mm]

5054 Frosted Glass Dome Lens

- · Frosted glass dome lens
- Straight precision sided trim ring
- "Dead-Front" construction, wet location listed Showerlight
- Non conductive, non corrosive gasketed polymer trim ring
- Torsion spring retention

Housings		Max Lamp Compatibility
H5ICAT	H5RICAT	
E5ICAT	E5RICAT	40W A19, 50W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5054SNS Frosted Glass Dome, Satin Nickel Trim



5054TR7S Frosted Glass Dome, Tuscan Bronze Trim



Dimensions** LH: 1-3/4" [45mm] H: 4-1/2" [114mm] OD: 6-3/8" [162mm]

5054PS

White Trim

Frosted Glass Dome,

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5150 Low Profile, Frosted Glass Dome Lens, Self-flange

- · Low profile, frosted glass dome lens
- · Wet location Showerlight
- Torsion spring retention
- · Non-conductive "dead-front" polymer (plastic) trim and glass lens
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility		
H5ICAT	H5RICAT	20/4/ 4.10, 20/4/ DA D200		
E5ICAT	E5RICAT	29W A19, 39W PAR30S		
H25ICAT		29W A19		
Compatibl	e with Halog	en, Incandescent, LED* or CFL* lamp		



5150WH

Frosted Glass Dome Lens with Reflector, White Plastic Self-flange



5150SN

Frosted Glass Dome Lens with Reflector, Satin Nickel Plastic Self-flange



5150TB7

Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions*1

A: 4-1/2" [114mm] H: 5" [126mm] OD: 6-5/8" [168mm]

5162 Drop Opal Plastic Lens, Self-flange



- · Wet location Showerlight
- Non-conductive "dead-front" polymer (plastic) trim
- · Torsion spring retention
- · Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances



5162WH

Drop Opal Plastic Lens with Reflector, White Plastic Self-flange



Dimensions**

A: 4-1/2" [114mm] H: 5-5/8" [118mm] OD: 6-5/8" [168mm]

Housings		Max Lamp Compatibility
H5ICAT	H5RICAT	
E5ICAT	E5RICAT	29W A19
H25ICAT		

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5230 Squircle Frost Glass Lens, Metal Trim, Self-flange

- · Low profile frost glass lens
- · Wet location Showerlight
- Torsion spring retention
- Self-flange low profile metal trim ring
- Socket supporting internal bracket

 Integral rotation adjustment up to +/- 25° for precise alignment with room 						
Housings		Max	ι Lar	np	Compatibility	
LIFICAT	LIEDIOAT	_				

Housings		Max Lamp Compatibility		
H5ICAT	H5RICAT	Consult website		
E5ICAT	E5RICAT	www.eaton.com/lighting		

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5230AH

Frost Glass Lens, Aluminum Haze Squircle Trim



5230PN

Frost Glass Lens, Polished Nickel Squircle Trim



5230SN

Frost Glass Lens, Satin Nickel Squircle Trim



5230TB7

Frost Glass Lens, Tuscan Bronze Squircle Trim

5255 Soft Square, Frost Curved Glass Lens, Self-flange

- · Low profile cured frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim and glass lens
- Integral rotation adjustment up to +/- 25° for precise alignment with room
- Integrated Socket Supporting reflector for illumination across lens corner-to-corner







Frost Curved Glass Lens with Reflector, White Plastic Self-flange



Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange



5255TBZ

Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions**

A: 5-1/8" [130mm] D: 1" [26mm] H: 5-1/2" [140mm] OD: 6-7/8" [174mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5145 Open Wet Location, Shallow Reflector, Self-flange

- Open wet location Showerlight for PAR30 outdoor rated lamps ONLY
- · Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- · For use in standard and shallow housings

Housings		Max Lamp Compatibility		
H5ICAT	H5RICAT	5145WH : 75W PAR30S,		
E5ICAT	E5RICAT	75W PAR30L		
H25ICAT		5145SN, 5145TBZ : 60W PAR30S, 75W PAR30L		

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5145WH 5145SN White Self-flange



Satin Nickel Self-flange





5145TR7 Tuscan Bronze Self-flange



Dimensions** A: 4-5/8" [117mm] D: 5/8" [16mm] H: 5-3/8" [138mm] OD: 6-5/8" [168mm]

5146 Open Wet Location Full Reflector, Self-flange

- Open wet location Showerlight for PAR30S and PAR30L outdoor rated lamps ONLY
- · Torsion spring retention
- · Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility		
H5ICAT	H5RICAT	EOW/ DA DOOG COW/ DA DOOL		
E5ICAT	E5RICAT	50W PAR30S, 60W PAR30L		

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5146WH White Self-flange





5146SN Satin Nickel Self-flange



(Included)



5146TBZ Tuscan Bronze Self-flange



Dimensions** A: 4-3/4" [121mm] H: 6-1/4" [160mm] OD: 6-5/8" [168mm]

Open, Splay & Wall Wash · · · · ·

5000 PAR Metal Splay, Self-flange

- Straight precision sided trim ring (fixed, not remodeled)
- · Open metal splay trim
- · Dual socket position socket for BR and PAR lamps
- Torsion spring retention
- · Socket supporting

Housings	Max Lamp Compatibility
H5ICAT	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
H5RICAT	50W PAR30S, 75W PAR30L, 60W BR30
H25ICAT	50W PAR30S, 50W PAR30L, 60W BR30
E5ICAT	5000P : 50W PAR30S, 60W PAR30L,
E5RICAT	60W BR30 5000SN, 5000TBZ : 60W PAR30S, 60W PAR30L, 60W BR30



5000P White Splay, White Trim



5000SN Satin Nickel Splay, Satin Nickel Trim



5000TBZ Tuscan Bronze Splay, Tuscan Bronze Trim



Dimensions** H: 4-5/8" [118mm] OD: 6-3/8" [162mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5175 Open, Wide Self-flange

- Open trim for BR & PAR lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5ICAT	H5RICAT	5175WH : 39W PAR30S, 75W PAR30L, 65W BR30
E5ICAT	E5RICAT	5175SN, 5175TBZ : 39W PAR30S, 60W PAR30L, 50W BR30
H25ICAT		39W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5175WH White Self-flange



5175SN Satin Nickel Self-flange



5175TBZ Tuscan Bronze Self-flange



Dimensions** A: 3-7/8" [99mm] H: 3/4" [19mm] OD: 6-5/8" [168mm]

5176 Open, Wide Self-flange

- Open trim for BR & PAR lamps
- · Torsion spring retention
- · Socket supporting integral bracket
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility		
H5ICAT	H5RICAT	0014/ D4 D000 0014/ D4 D001		
E5ICAT	E5RICAT	60W PAR30S, 60W PAR30L, 50W BR30		
H25ICAT		30VV B1130		

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5176WH White Self-flange



5176SN Satin Nickel Self-flange



5176TBZ Tuscan Bronze Self-flange



Dimensions** A: 3-7/8" [99mm] H: 4-3/4" [120mm] OD: 6-5/8" [168mm]

5185 Open, Splay Self-flange

- Splay trim for BR & PAR lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5ICAT	H5RICAT	5185WH : 39W PAR30S, 60W PAR30L, 65W BR30
E5ICAT	E5RICAT	5185SN, 5185TBZ : 39W PAR30S, 60W PAR30L, 50W BR30
H25ICAT		39W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5185WH White Self-flange



5185SN Satin Nickel Self-flange



5185TBZ Tuscan Bronze Self-flange



Dimensions** A: 3-7/8" [99mm] H: 1" [27mm] OD: 6-5/8" [168mm]

5186 Splay, Self-flange

- · Splay trim for BR & PAR lamps
- · Torsion spring retention
- Socket supporting integral bracket
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility			
H5ICAT	H5RICAT	0014/ DA D000 0014/ DA D001			
E5ICAT	E5RICAT	60W PAR30S, 60W PAR30L, 50W BR30			
LIDELCAT		30 VV D1130			



5186WH White Self-flange



5186SN Satin Nickel Self-flange



5186TBZ Tuscan Bronze Self-flange



Dimensions** A: 3-7/8" [99mm] H: 4-7/8" [123mm] OD: 6-5/8" [168mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

E26 Screw Base IC Housing - No Socket Bracket

H5ICATNB

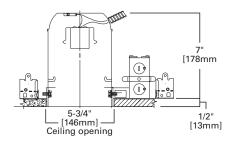


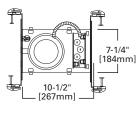


5" IC, Air-Tite, New Construction Housing, No Socket Bracket, 120V

The H5ICATNB recessed housing is designed for residential and light commercial applications. H5ICATNB features full-frame robust construction, feed through listing, Got Nail! bar hangers, and may support the use of higher wattage lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H5ICATNB is designed for use in insulated ceilings and may be in direct contact with insulation*.

The H5ICATNB can save installation time. It is designed without a socket plate, for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate, and the fixed lamp position of socket supporting trims saves on lamp adjustment time too. May be retrofit with compatible Halo LED lighting systems.











Special Features

Got Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

5000	5020	5070	5126	5150	5186
5001	5021	5071	5130	5162	5222
	002.	5120	5135	0.02	5230
5010	5051	0.20		5165	
5014	5054	5121	5145	5176	5255
5016	5060	5125	5146		



UL) us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- Die-stamped aluminum
- Sealed and gasketed for Air-Tite[™] ready installation
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

Plaster Frame

- · Galvanized steel construction
- The housing can be removed from plaster frame to provide access to the junction box
- Plaster frame features include:
 - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
 - · Cutouts for easily crimping hanger bars in position
 - Halo name embossed on plaster frame
 - Pre-installed Air-Tite ready ceiling contact gasket

Includes:

- Got Nail![™] bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru[™] (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

Socket

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- · cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

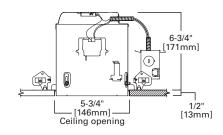
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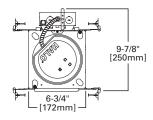
E26 Screw Base IC Housing - No Socket Bracket



5" IC, Air-Tite, New Construction Housing, No Socket Bracket, 120V

The E5ICATNB is a compact and efficient recessed housing optimized and listed for EISA compliant, tungsten-halogen, CFL and LED lamps as well as incandescent. The Halo E5 housing is suitable for residential or light commercial applications. For installation in insulated ceilings* and non-insulated ceilings; with Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. The E5ICATNB can save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate and the fixed lamp position of socket supporting trims saves on lamp adjustment time too. May be retrofit with Halo LED lighting systems.











Special Features

All-Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Hinged j-box with Slide-N-Side™ Quick Connect™ push wire nuts Air-Tite[™] code compliant

Compatible Trims

5000	5020	5070	5126	5150	5186
5001	5021	5071	5130	5162	5222
5010	5051	5120	5135	5165	5230
5014	5054	5121	5145	5176	5255
5016	5060	5125	5146		



us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- Single wall die-formed aluminum housing
- · Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, frame and finished ceiling without need for additional caulk
- May be removed from the plaster frame to provide access to junction box

Plaster Frame

- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" - 1" ceiling thickness
- (2) Regressed locking screws for securing hanger bars

Includes:

- All-Nail!™ bar hangers (Details Pg. 15)
- · q-Channel bar hangers (Details Pg. 15)
- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect[™] push wire nuts (Details Pg. 15)
- Air-Tite™ code compliant (Details Pg. 15)

Socket

- · Porcelain socket with nickel plated brass screw shell
- Snap-in socket speeds installation and attaches directly to the trim for consistent lamp positioning
- Shipped with socket overspray protector installed

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- clll us Listed for wet location covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- · RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013).

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E26 Screw Base IC Housing - No Socket Bracket

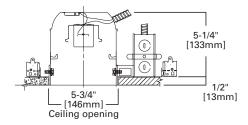
H25ICATNB

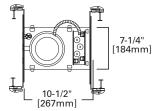




5" IC, Air-Tite, Shallow New Construction Housing, No Socket Bracket, 120V

H25ICATNB recessed housing is designed for residential and light commercial applications. The H25ICATNB is designed for use in shallow ceilings, and features full-frame robust construction, feed through listing, Got Nail! bar hangers; and may support the use of higher wattage lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H25ICATNB is designed for use in shallow insulated ceilings and may be in direct contact with insulation*. The H25ICATNB can save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate and the fixed lamp position of socket supporting trims saves on lamp adjustment time too. May be retrofit with compatible Halo LED lighting systems.











Special Features

Got Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

5000	5060	5121	5135	5162	5176
5014	5070	5126	5145	5165	5186
5054	5071	5130	5150		



Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- · Single wall aluminum housing
- Sealed and gasketed for Air-Tite[™] ready installation
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)
- Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness

Plaster Frame

- · Galvanized steel construction
- The housing can be removed from plaster frame to provide access to the junction box
- Plaster frame features include:
 - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
 - · Cutouts for easily crimping hanger bars in position
 - Halo name embossed on plaster frame
 - Pre-installed Air-Tite ready ceiling contact gasket

Includes:

- Got Nail![™] bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru[™] (Details Pg. 13)
- Slide-N-Side[™] junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

Socket

- Porcelain socket with nickel plated brass screw shell
- Snaps into trim for consistent lamp positioning
- · Shipping insert protects socket from overspray

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

5020SN

Reflectors····

5020 PAR Reflector

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Dual socket position for BR and PAR lamps
- · Socket supporting integral bracket

Housings	Max Lamp Compatibility
H5ICATNB	75W PAR30S, 60W BR30
E5ICATNB	5020P, 5020H, 5020SC, 5020BL : 60W PAR30S, 60W BR30 5020SN, 5020TBZ : 60W PAR30S, 50W BR30



5020P White Reflector, White Trim

Satin Nickel Reflector,

Satin Nickel Trim



Haze Reflector, White Trim

Tuscan Bronze Reflector,

Tuscan Bronze Trim

5020TBZ



5020SC Specular Clear Reflector, White Trim



Black Specular Reflector, White Trim



Dimensions** H: 3-1/4" [82mm] OD: 6-3/8" [162mm]

	50W B	R30					
Compatible with	Halogen,	Incandescent,	LED*	or	CFL*	lamp	s

5021 Full Reflector

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- For use with A-lamps
- Socket supporting reflector

Housings	Max Lamp Compatibility
H5ICATNB	40W A19
E5ICATNB	29W A19
Compatible wit	h Halogen, Incandescent, LED* or CFL* lamps



Haze Reflector, White Trim



5021SC Specular Clear Reflector, White Trim



Tuscan Bronze Reflector. Tuscan Bronze Trim



Dimensions** H: 5" [127mm] OD: 6-3/8" [162mm]

5120 Full Cone Reflector, Self-flange

- · Full cone reflector
- · Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	5120WH : 29W A19, 50W PAR30S, 60W PAR30L, 65W BR30
E5ICATNB	5120SN, 5120TBZ : 29W A19, 50W PAR30S, 60W PAR30L, 50W BR30



5120WH White Reflector, White Self-flange



5120SN Satin Nickel Reflector, Satin Nickel Self-flange



5120TBZ Tuscan Bonze Reflector, Tuscan Bronze Self-flange



Dimensions** A: 4-3/4" [121mm] H: 6-1/4" [160mm] OD: 6-5/8" [168mm]

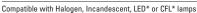
^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5121 Shallow Full Cone Reflector, Self-flange

- · Shallow full cone reflector
- · Torsion spring retention
- · Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	50W PAR30S, 75W PAR30L,
E5ICATNB	65W BR30
H25ICATNB	50W PAR20, 50W PAR30S, 75W PAR30L, 65W BR30





5121WH White Reflector, White Oversize Self-flange



Dimensions** A: 4-3/4" [121mm] H: 5-1/3" [135mm] OD: 6-5/8" [168mm]

Baffles····

5001 PAR Metal Baffle Splay

- Straight precision sided trim ring (fixed, not removable)
- · Torsion spring retention
- Dual socket position for BR and PAR lamps
- · Socket supporting

Housings	Max Lamp Compatibility
H5ICATNB	35W PAR20, 75W PAR30S, 65W BR30, 30W R20
E5ICATNB	5001P : 35W PAR20, 60W PAR30S, 60W PAR30L, 65W BR30 5001MB, 5001SN, 5001TBZ : 35W PAR20, 60W PAR30S, 60W PAR30L, 60W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Baffle, White Trim



Black Baffle, White Trim



Satin Nickel Baffle, Satin Nickel Trim



5001TBZ Tuscan Bronze Baffle. Tuscan Bronze Trim



Dimensions** H: 6-1/8" [152mm] OD: 6-3/8" [156mm]

5010 PAR Metal Step Baffle

- Straight precision sided trim ring (fixed, not removable)
- · Torsion spring retention
- Dual socket position for BR and PAR lamps
- · Socket supporting

Housings	Max Lamp Compatibility
H5ICATNB	75W PAR30S, 60W R30, 60W BR30
E5ICATNB	60W PAR30S, 60W PAR30L, 60W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5010W White Baffle, White Trim



Black Baffle, White Trim



Dimensions** H: 2" [52mm] OD: 6-3/8" [156mm]

5014 Shallow Metal Baffle, Self-flange

- · For use in shallow housing
- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Socket supporting

Housings	Max Lamp Compatibility
H5ICATNB	
H25ICATNB	50W PAR30S, 75W PAR30L, 65W BR30
E5ICATNB	-



White Baffle, White Trim



Black Baffle, White Trim



Dimensions** A: 4-3/4" [121mm] H: 2-3/8" [60mm] OD: 6-3/8" [168mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp. **Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5016W

5016 Coilex® Baffle with Reflector

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Dual socket position for BR and PAR lamps
- Socket supporting

Housings	Max Lamp Compatibility
H5ICATNB	60W PAR30S, 60W PAR30L,
E5ICATNB	50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps







Dimensions** H: 6-3/4" [171mm] OD: 6-3/8" [162mm]

5125 Full Cone Baffle, Self-flange

- · Full cone baffle trim
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	5125WB: 29W A19, 50W PAR30S, 60W PAR30L, 65W BR30
E5ICATNB	5125BB & 5125BKBB: 29W A19, 50W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps









White Baffle, White Self-flange White Baffle, Black Self-flange Black Baffle, Black Self-flange

Dimensions: A: 4-3/4" [121mm] H: 6-1/4" [160mm] OD: 6-5/8" [168mm]

5126 Shallow Full Cone Baffle, Self-flange

- Shallow full cone baffle
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	50W PAR30S, 75W PAR30L, 65W BR30
E5ICATNB	
H25ICATNB	5126WB : 50W PAR20, 50W PAR30S, 75W PAR30L, 65W BR30 5126BB : 50W PAR20, 50W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5126WB 5126BB White Baffle, White Self-flange Black Baffle, White Self-flange



Dimensions** A: 4-3/4" [121mm] H: 5-1/3" [135mm] OD: 6-5/8" [168mm]

5060 Adjustable Gimbal 20° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- · For directional accent lighting
- · Torsion spring retention 20° tilt - 360° rotation
- Socket supporting

Housings	Max Lamp Compatibility
H5ICATNB	
E5ICATNB	50W PAR30S
H25ICATNB	_

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5060P White Gimbal, White Trim



Dimensions** H: 3-1/4" [82mm] OD: 6-3/8" [162mm]

- *UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
- **Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5070 Adjustable Eyeball 30° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- · For directional accent lighting
- · Torsion spring retention
- 30° tilt 360° rotation
- · Socket supporting





White Eyeball, White Trim



5070SN Satin Nickel Eyeball, Satin Nickel Trim



5070TBZ Tuscan Bronze Eyeball, Tuscan Bronze Trim



Dimensions** A: 3-7/8" [98mm] H: 3-3/8" [86mm] OD: 6-3/8" [162mm]

5071 Adjustable Eyeball 30° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- · For directional accent lighting
- Torsion spring retention
- 30° tilt 360° rotation
- Socket supporting



White Eyeball, White Trim



Dimensions** OD: 6-1/2" [165mm]

Max Lamp Compatibility Housings H5ICATNB 50W PAR20, 50W R20 **H25ICATNB** E5ICATNB 50W PAR20 Compatible with Halogen, Incandescent, LED* or CFL* lamps

5130 Eyeball 35° Tilt, Self-flange

- Adjustable 35° tilt, 360° rotation
- Design optimized for PAR30S (short-neck) lamps
- · Torsion spring retention
- · Socket supporting eyeball
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	
E5ICATNB	75W PAR30S
H25ICATNB	-
Compatible with	n Halogen, Incandescent, LED* or CFL* lamps



5130WH White Eyeball, White Trim



Dimensions** A: 3-7/8" [98mm] H: 2-1/4" [58mm] OD: 6-5/8" [168mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5135 Eyeball 35° Tilt, Self-flange

- · Conical adjustable eyeball trim for PAR20 lamps
- · Torsion spring retention
- · Socket supporting
- 35° tilt, 360° rotation
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	
E5ICATNB	50W PAR20
H25ICATNB	_

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5135WH White Eyeball, White Trim, Self-flange



Dimensions** A: 2-3/4" [70mm] H: 2-1/4" [58mm] OD: 6-5/8" [168mm]

5165 Gimbal 35° Tilt, Self-flange

- Adjustable gimbal trim for PAR30S (short-neck) lamps
- Torsion spring retention
- Socket supporting
- · 35° tilt, 360° rotation
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	
E5ICATNB	50W PAR30S
H25ICATNB	-

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5165WH White Gimbal, White Trim



5165SN 5165BK Black Gimbal, Black Trim



Satin Nickel Gimbal, Satin Nickel Trim



Tuscan Bronze Gimbal, Tuscan Bronze Trim



5222 Regressed Angle Cut Adjustable Gimbal, 30° Tilt, Self-flange

- · Fully regressed gimbal
- Torsion spring retention
- 30° tilt, 360° rotation
- Socket supporting
- · Angle cut cone reflector and baffle options
- Accommodates tilt of gimbal in a full regressed
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	- 39W PAR30S, 60W PAR30L
E5ICATNB	



5222WR White Baffle & Gimbal, White Trim



5222RR Black Baffle & Gimbal, White Trim



5222SC Specular Clear Reflector & Gimbal, White Trim



5222H Haze Reflector & Gimbal, White Trim



Dimensions** A: 5"127mm] H: 3-1/8" [79mm] OD: 6-5/8" [168mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

Lenses & Wet Location Showerlights · · · ·

5051 Frosted Glass Lens



- · Frosted glass lens
- · Straight precision sided trim ring
- "Dead-Front" construction, wet location listed Showerlight
- Non-conductive, non-corrosive gasketed polymer trim ring
- · Torsion spring retention

Housings	Max Lamp Compatibility
H5ICATNB	35W PAR30L
E5ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps





Dimensions** H: 5-916" [141mm] OD: 6-7/16" [164mm]

5054 Frosted Glass Dome Lens

- · Frosted glass dome lens
- Straight precision sided trim ring
- "Dead-Front" construction, wet location listed Showerlight
- Non conductive, non corrosive gasketed polymer trim ring
- · Torsion spring retention

Housings	Max Lamp Compatibility
H5ICATNB	
E5ICATNB	40W A19, 50W PAR30S
H25ICATNB	-
Compatible with	Halogen, Incandescent, LED* or CFL* lamps



Frosted Glass Dome, White Trim



5054SNS Frosted Glass Dome, Satin Nickel Trim



5054TBZS Frosted Glass Dome, Tuscan Bronze Trim



Dimensions** LH: 1-3/4" [45mm] H: 4-1/2" [114mm] OD: 6-3/8" [162mm]

5150 Low Profile, Frosted Glass Dome Lens, Self-flange

- · Low profile, frosted glass dome lens
- · Wet location Showerlight
- Torsion spring retention
- · Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	- 29W A19, 39W PAR30S
E5ICATNB	
H25ICATNB	29W A19
Compatible with Halogen, Incandescent, LED* or CFL* lamps	



5150WH Frosted Glass Dome Lens with Reflector, White Plastic Self-flange



5150SN Frosted Glass Dome Lens with Reflector, Satin Nickel Plastic Self-flange



5150TBZ Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions** A: 4-1/2" [114mm] H: 5" [126mm] OD: 6-5/8" [168mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5162 Drop Opal Plastic Lens, Self-flange

- Drop opal plastic lens
- · Wet location Showerlight
- Non-conductive "dead-front" polymer (plastic) trim
- · Torsion spring retention
- · Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances



5162WH

Drop Opal Plastic Lens with Reflector, White Plastic Self-flange



Dimensions**

A: 4-1/2" [114mm] H: 5-5/8" [118mm] OD: 6-5/8" [168mm]

Max Lamp Compatibility Housings H5ICATNB E5ICATNB 29W A19 H25ICATNB Compatible with Halogen, Incandescent, LED* or CFL* lamps

5230 Squircle Frost Glass Lens, Metal Trim, Self-flange

- · Low profile frost glass lens
- · Wet location Showerlight
- · Torsion spring retention
- Self-flange low profile metal trim ring
- Socket supporting internal bracket
- Integral rotation adjustment up to +/- 25° for precise alignment with room

	=
Housings	Max Lamp Compatibility
H5ICATNB	Consult website
E5ICATNB	www.eaton.com/lighting

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5230AH

Frost Glass Lens, Aluminum Haze Squircle Trim



5230PN

Frost Glass Lens, Polished Nickel Squircle Trim



5230SN

Frost Glass Lens, Satin Nickel Squircle Trim



5230TBZ

Frost Glass Lens, Tuscan Bronze Squircle Trim

5255 Soft Square, Frost Curved Glass Lens, Self-flange

- · Low profile curved frost glass lens
- · Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim and glass lens Integral rotation adjustment up to +/- 25°
- for precise alignment with room
- Integrated socket supporting reflector for illumination across lens corner-to-corner

Housings	Max Lamp Compatibility
H5ICATNB	— 29W A19
E5ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5255WH Frost Curved Glass Lens

with Reflector, White Plastic Self-flange



Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange



Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions**

A: 5-1/8" [130mm] D: 1" [26mm] H: 5-1/2" [140mm] OD: 6-7/8" [174mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5145 Open Wet Location, Shallow Reflector, Self-flange

- Open wet location Showerlight for PAR30S and PAR30L outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- · For use in standard and shallow housings

Housings	Max Lamp Compatibility
H5ICATNB	5145WH: 75W PAR30S, 75W PAR30L
E5ICATNB	5145SN, 5145TBZ : 60W PAR30S, 75W PAR30L
H25ICATNB	
0	

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5145WH White Self-flange





5145SN Satin Nickel Self-flange



Lamp Gasket (Included)



5145TBZ Tuscan Bronze Self-flange



Dimensions** A: 4-5/8" [117mm] D: 5/8" [16mm] H: 5-3/8" [138mm] OD: 6-5/8" [168mm]

5146 Open Wet Location Full Reflector, Self-flange

- Open wet location Showerlight for PAR30S and PAR30L outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	50W PAR30S, 60W PAR30L
E5ICATNB	
Compatible with Halogen, Incandescent, LED* or CFL* lamps	



5146WH White Self-flange





5146SN Satin Nickel Self-flange





5146TBZ Tuscan Bronze Self-flange



Dimensions** A: 4-3/4" [121mm] H: 6-1/4" [160mm] OD: 6-5/8" [168mm]

5000 PAR Metal Splay, Self-flange

- Straight precision sided trim ring (fixed, not remodeled)
- · Open metal splay trim
- Dual socket position socket for BR and PAR lamps
- · Torsion spring retention
- · Socket supporting

Housings	Max Lamp Compatibility
H5ICATNB	65W BR30, 75W R30, 75W PAR30, 75W PAR30L
E5ICATNB	5000P: 60W PAR30S, 60W PAR30L, 65W BR30 5000SN, 5000TBZ: 60W PAR30S, 60W PAR30L, 60W BR30
H25ICATNB	60W BR30, 50W PAR30, 50W PAR30L
Compatible with Halogen, Incandescent, LED* or CFL* lamps	



White Splay, White Trim



5000SN Satin Nickel Splay, Satin Nickel Trim



5000TBZ Tuscan Bronze Splay, Tuscan Bronze Trim



Dimensions** H: 4-5/8" [118mm] OD: 6-3/8" [162mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5176 Open, Wide Self-flange

- Open trim for BR30 & PAR30 lamps
- Torsion spring retention
- Socket supporting integral bracket
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	- 60W PAR30S, 60W PAR30L, - 50W BR30
E5ICATNB	
H25ICATNB	



White Self-flange



Satin Nickel Self-flange





Dimensions** A: 3-7/8" [99mm] H: 4-3/4" [120mm] OD: 6-5/8" [168mm]

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5186 Splay, Self-flange

- Splay trim for BR30 & PAR30 lamps
- Torsion spring retention
- Socket supporting integral bracket
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	— 60W PAR30S, 60W PAR30L, — 50W BR30
E5ICATNB	
H25ICATNB	



5186WH White Self-flange



5186SN Satin Nickel Self-flange

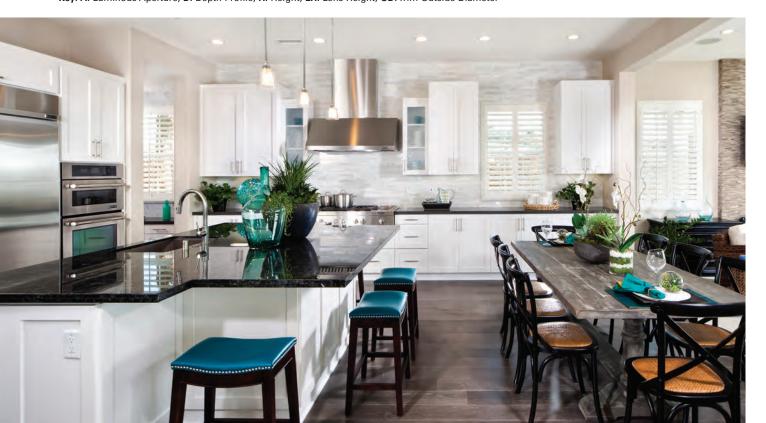


5186TBZ Tuscan Bronze Self-flange



Dimensions** A: 3-7/8" [99mm] H: 4-7/8" [123mm] OD: 6-5/8" [168mm]

- *UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
- **Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter



E26 Screw Base Non-Insulated Ceiling Housings & Trims Quick Reference - Non-IC

Trim #	Style	H5T	H5RT	E5TAT	E5RTAT	H5TNB	E5TATNB
5000	Splay	•	•	•	•	•	•
5001	Baffle	•	•	•	•	•	•
5010	Baffle	•	•	•	•	•	•
5012	Baffle	•	•	•	•	•	•
5016	Baffle	•	•	•	•	•	•
5020	Reflector	•	•	•	•	•	•
5021	Reflector	•	•	•	•	•	•
5030	Wall Wash	•	•	•	•	•	•
5051	Showerlight	•	•	•	•	•	•
5054	Showerlight	•	•	•	•	•	•
5060	Adjustable	•	•	•	•	•	•
5070	Adjustable	•	•	•	•	•	•
5071	Adjustable	•	•	•	•	•	•
5102	Baffle	•	•	•	•	_	_
5107	Reflector	•	•	•	•	_	_
5109	Baffle	•	•	•	•	_	_
5110	Baffle	•	•	•	•	_	_
120	Reflector	•	•	•	•	•	•
125	Baffle	•	•	•	•	•	•
5130	Adjustable	•	•	•	•	•	•
5135	Adjustable	•	•	•	•	•	•
5145	Open Showerlight	•	•	•	•	•	•
5146	Open Showerlight	•	•	•	•	•	•
5150	Showerlight	•	•	•	•	•	•
162	Showerlight	•	•	•	•	•	•
5165	Adjustable	•	•	•	•	•	•
5175	Open	•	•	•	•	_	_
176	Open	•	•	•	•	•	•
185	Splay	•	•	•	•	_	_
186	Splay	•	•	•	•	•	•
222	Adjustable	•	•	•	•	•	•
5230	Showerlight	•	•	•	•	•	•
5255	Showerlight	•	•	•	•	•	•

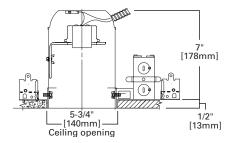


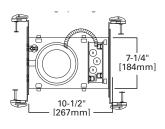
E26 Screw Base Non-IC Housing



5" Non-IC, New Construction Housing, 120V

The H5T recessed housing is designed for residential and light commercial applications. H5T features full-frame robust construction, feed through listing, Got Nail! bar hangers, and may support the use of higher wattage lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H5T is designed for use non-insulated ceilings. If insulation is present it must be kept 3" from all sides of the housing. May be retrofit with compatible Halo LED lighting systems.









Special Features

Got Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Slide-N-Side™ junction box Quick Connect™ push wire nuts

Compatible Trims

5000	5021	5071	5125	5150	5185	
5001	5030	5102	5130	5162	5186	
5010	5051	5107	5135	5165	5222	
5012	5054	5109	5145	5175	5230	
5016	5060	5110	5146	5176	5255	
5020	5070	5120				



c(UL)us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- Single wall die-stamped CRS with white powder coat finish
- Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness

Plaster Frame

- Galvanized steel construction
- The housing can be removed from plaster frame to provide access to the junction box
- · Plaster frame features include:
 - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
 - Cutouts for easily crimping hanger bars in position
 - · Halo name embossed on plaster frame

Socket Plate

- · Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims
- Overspray protector included

Includes:

- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)

Socket

- · Porcelain socket with nickel plated brass screw shell
- · Snaps into trim for consistent lamp positioning
- · Shipping insert protects socket from overspray

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- · cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- IP rated (Improper Lamp)
- RoHS compliant

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E26 Screw Base Non-IC Housing

H5RT

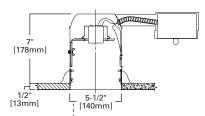


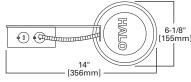


H5RT

5" Non-IC, Remodel Housing, 120V

The H5RT recessed housing is designed for residential and light commercial applications. H5RT remodel housing features robust construction and may support the use of higher wattage lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H5RT is for use non-insulated ceilings. If insulation is present it must be kept 3" from all sides of the housing. Remodel housing is designed for installation from below the finished ceiling. May be retrofit with compatible Halo LED lighting systems.





Ceiling opening to match template supplied





Special Features

Quick Connect™ push wire nuts

Compatible Trims

5000	5021	5071	5125	5150	5185
5001	5030	5102	5130	5162	5186
5010	5051	5107	5135	5165	5222
5012	5054	5109	5145	5175	5230
5016	5060	5110	5146	5176	5255
5020	5070	5120			



us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- Single wall die-stamped CRS with white powder coat finish
- For installation from below finished ceiling Integral flange secures fixture against ceiling

Remodel Springs

Four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling material

Junction Box

- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Four type non-metallic (NM) cable pry-outs simplify installation

Includes:

Quick Connect[™] push wire nuts (Details Pg. 13)

Socke

- Porcelain socket with nickel plated brass screw shell
- Snaps into trim for consistent lamp positioning
- · Overspray protector included

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- cULus Listed 1598 luminaire
- · cULus Listed for damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- IP rated (Improper Lamp)
- · RoHS compliant

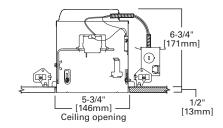
E26 Screw Base Non-IC Housing

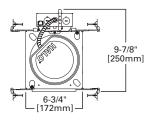
E5TAT



5" Non-IC, Air-Tite, New Construction Housing, 120V

The E5TAT is a compact and efficient recessed housing optimized and listed for EISA compliant, tungsten-halogen, CFL and LED lamps as well as incandescent. E5TAT housing is for use in non-insulated ceilings, suitable for residential or light commercial applications; with Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. E5TAT is designed for use in non-insulated ceilings, if insulation is present it must be kept 3" from all sides of the housing. May be retrofit with compatible Halo LED lighting systems.











Special Features

All-Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Hinged j-box with Slide-N-Side™ Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

5000	5021	5071	5125	5150	5185
5001	5030	5102	5130	5162	5186
5010	5051	5107	5135	5165	5222
5012	5054	5109	5145	5175	5230
5016	5060	5110	5146	5176	5255
5020	5070	5120			



us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- Single wall die-formed housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, frame and finished ceiling - without need for additional caulk
- May be removed from the plaster frame to provide access to junction box

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame

- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" 1" ceiling thickness
- (2) Regressed locking screws for securing hanger bars

Includes:

- All-Nail![™] bar hangers (Details Pg. 15)
- · q-Channel bar hangers (Details Pg. 15)
- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect[™] push wire nuts (Details Pg. 15)
- Air-Tite[™] code compliant (Details Pg. 15)

Socket

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Shipped with socket overspray protector installed

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- · RoHS compliant

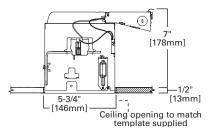
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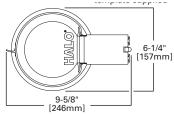




5" Non-IC, Air-Tite, Remodel Housing, 120V

The E5RTAT is a compact and efficient recessed housing optimized and listed for EISA compliant, tungsten-halogen, CFL and LED lamps as well as incandescent. E5RTAT remodel housing is for use in non-insulated ceilings, suitable for residential or light commercial applications; with Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. This remodel housing is designed for installation from below the finished ceiling. As E5RTAT is for use in non-insulated ceilings, if insulation is present it must be kept 3" from all sides of the housing. May be retrofit with Halo LED lighting systems.











Special Features

Hinged j-box with Slide-N-Side™ Quick Connect™ wiring tray Air-Tite™ code compliant

Compatible Trims

5000	5021	5071	5125	5150	5185
5001	5030	5102	5130	5162	5186
5010	5051	5107	5135	5165	5222
5012	5054	5109	5145	5175	5230
5016	5060	5110	5146	5176	5255
5020	5070	5120			



Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- · Single wall die-formed housing
- Die formed flange maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required. and seals between housing, flange and finished ceiling - without need for additional caulk
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

Remodel Retention System - Speed Clamps

Exclusive two integral speed clamps securely lock housing to ceiling, accommodating 3/8' to 2" ceiling materials

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Includes:

- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect™ wiring tray (Details Pg. 15)
- Air-Tite[™] code compliant (Details Pg. 15)

- Porcelain socket with nickel plated brass screw shell
- Socket snaps into socket plate for consistent lamp positioning
- Shipped with socket overspray protector installed

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Quick Connect™ Wiring Tray

- (3) Color coded 4-port push-in wire nuts included
- Captive tray holds push-nuts in place for one-handed connections to line, neutral & ground
- Speeds installation and increases reliability
- · No additional wire nuts required

Compliance

- · cULus Listed 1598 luminaire
- · cULus Listed damp location
- cllius listed for wet location. covered ceiling, with select trims
- · Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- · RoHS compliant

Non-IC Housings: H5T • H5RT • E5TAT • E5RTAT

Reflectors…

5020 PAR Reflector

- Straight precision sided trim ring (fixed, not removable)
- · Torsion spring retention
- Dual socket position for BR and PAR lamps
- Socket supporting

gs	Max Lamp Compatibility
H5RT	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E5RTAT	75W PAR30S, 75W PAR30L, 65W BR30
	H5RT

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5020P White Reflector, White Trim

Satin Nickel Reflector,

Satin Nickel Trim

5020SN



Haze Reflector, White Trim

Tuscan Bronze Reflector,

Tuscan Bronze Trim

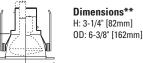
5020TBZ



5020SC Specular Clear Reflector, White Trim



5020BLBlack Specular Reflector,
White Trim



5021 Full Reflector

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- For use with A-Lamps
- · Socket supporting

Housings		Max Lamp Compatibility	
H5T	H5RT	COM/ A 10	
E5TAT	E5RTAT	- 60W A19	
Compatible with Halogen Incandescent LED* or CEL* lamps			



5021H Haze Reflector, White Trim



5021SC Specular Clear Reflector, White Trim



5021TBZ Tuscan Bronze Reflector, Tuscan Bronze Trim



Dimensions** H: 5" [127mm] OD: 6-3/8" [162mm]

5107 Tapered Reflector, Self-flange

- Self-flange reflector cone
- Contoured tapered sides of cone reflector for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housi	ıgs	Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L,
E5TAT	E5RTAT	65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5107SC Specular Clear Reflector, White Self-flange



Dimensions** A: 4-3/4" [121mm] H: 2-3/8" [60mm] OD: 6-5/8" [168mm]

5120 Full Cone Reflector, Self-flange

- · Full cone reflector
- · Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	60W A19, 75W PAR30S,
E5TAT	E5RTAT	75W PAR30L, 65W BR30
Compatible with Halogen Incandescent LED* or CEL* lamp		



5120WH White Reflector, White Self-flange



5120SN Satin Nickel Reflector, Satin Nickel Self-flange



5120TBZTuscan Bonze Reflector,
Tuscan Bronze Self-flange



Dimension** A: 4-3/4" [121mm] H: 6-1/4" [160mm] OD: 6-5/8" [168mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

Baffles

5001 PAR Metal Baffle Splay

- Straight precision sided trim ring (fixed, not removable)
- · Torsion spring retention
- · Dual socket position for BR and PAR lamps
- · Socket supporting

Housings		Max Lamp Compatibility
H5T	H5RT	50W PAR20, 75W PAR30S, 75W PAR30L, 65W BR30, 50W R20, 75W R30
E5TAT	E5RTAT	50W PAR20, 75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5001P White Baffle, White Trim



5001MB Black Baffle, White Trim



5001SN Satin Nickel Baffle, Satin Nickel Trim



5001TBZ Tuscan Bronze Baffle, Tuscan Bronze Trim



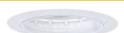
Dimensions** H: 6-1/8" [152mm] OD: 6-3/8" [156mm]

5010 PAR Metal Step Baffle

- Straight precision sided trim ring (fixed, not removable)
- · Torsion spring retention
- Dual socket position for BR and PAR lamps
- · Socket supporting

Housi	ngs	Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E5TAT	E5RTAT	75W PAR30S, 75W PAR30L, 65W BR30
	2.1 2.1 11.1	

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5010WWhite Baffle, White Trim



5010 Black Baffle, White Trim



Dimensions** H: 2" [52mm] OD: 6-3/8" [156mm]

5012 High Coilex® Baffle

- Straight precision sided trim ring (fixed, not removable)
- Provides ultra deep lamp regression (not compatible with H5TM)
- Socket supporting
- Torsion spring retention

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E5TAT	E5RTAT	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5012WWhite Baffle, White Trim



5012P Black Baffle, White Trim



Dimensions** H: 6" [152mm] OD: 6-3/8" [156mm]

5016 Coilex® Baffle with Reflector

- Straight precision sided trim ring (fixed, not removable)
- · Torsion spring retention
- Dual socket position for BR and PAR lamps
- · Socket supporting

Housings		Max Lamp Compatibility
H5T	H5RT	60W A19, 75W PAR30S,
E5TAT	E5RTAT	75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Baffle, White Trim



5016P Black Baffle, White Trim



Dimensions** H: 6-3/4" [171mm] OD: 6-3/8" [162mm]

235

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5102WB

5102 Tapered Metal Baffle, Self-flange

- · Contoured tapered sides of metal baffle for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L,
E5TAT	E5RTAT	65W BR30
Compatible with Halogen, Incandescent, LED* or CFL* lamps		







White Baffle, White Self-flange Black Baffle, White Self-flange



Dimensions** A: 4-3/4" [121mm] H: 2-3/8" [60mm] OD: 6-5/8" [168mm]

5109 Coilex® Tapered Baffle, Self-flange

- Contoured tapered sides of Coilex baffle for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L,
E5TAT	E5RTAT	65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5109WB White Plastic Straight Coilex Baffle, White Self-flange



Black Plastic Straight Coilex Baffle, White Self-flange



5109BKBB Black Plastic Straight Coilex Baffle, Black Self-flange



Dimensions** A: 4-3/4" [121mm] H: 2-3/8" [60mm] OD: 6-5/8" [168mm]

5110 Perftex™ Baffle, Self-flange

- Perforated pattern baffle contoured for BR30 and PAR30L lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30L, 65W BR30
E5TAT	E5RTAT	73VV FANSUL, 03VV DNSU

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Perftex Baffle. White Self-flange



Black Perftex Baffle. White Self-flange



Black Perftex Baffle. Black Self-flange



Dimensions** A: 5-1/2" [141mm] H: 2-1/8" [55mm] OD: 6-5/8" [168mm]

5125 Full Cone Baffle, Self-flange

- · Full cone baffle
- · Torsion spring retention
- Socket supporting
- · Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	60W A19, 75W PAR30S,
E5TAT	E5RTAT	75W PAR30L, 65W BR30
Compatible with Halogen, Incandescent, LED* or CFL* lamps		









5125BKBB White Baffle, White Self-flange White Baffle, Black Self-flange Black Baffle, Black Self-flange



Dimensions** A: 4-3/4" [121mm] H: 6-1/4" [160mm] OD: 6-5/8" [168mm]

5060 Adjustable Gimbal 20° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- · For directional accent lighting · Torsion springs retention
- 20° tilt 360° rotation

E5TAT E5RTAT

· Socket supporting



5060P White Gimbal, White Trim

Dimensions** H: 3-1/4" [82mm] OD: 6-3/8" [162mm]

Housings Max Lamp Compatibility H5T H5RT **75W PAR30S**

- *UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
- **Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5070 Adjustable Eyeball 30° Tilt, Self-flange

- · Straight precision sided trim ring (fixed, not removable)
- · For directional accent lighting
- · Torsion spring retention
- 30° tilt 360° rotation
- · Socket supporting

Housings		Max Lamp Compatibility
H5T	H5RT	- 75W PAR30S
E5TAT	E5RTAT	





White Eyeball, White Trim



5070SN Satin Nickel Eyeball, Satin Nickel Trim



5070TBZ Tuscan Bronze Eyeball, Tuscan Bronze Trim



Dimensions** A: 3-7/8" [98mm] H: 3-3/8" [86mm] OD: 6-3/8" [162mm]

5071 Adjustable Eyeball 30° Tilt, Self-flange

- · Straight precision sided trim ring (fixed, not removable)
- · For directional accent lighting
- · Torsion springs retention
- 30° tilt 360° rotation
- · Socket supporting

Housi	ngs	Max Lamp Compatibility
H5T	H5RT	50W PAR20 , 50W R20
E5TAT	E5RTAT	50W PAR20
_		

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Eyeball, White Trim



Dimensions** OD: 6-1/2" [165mm]

5130 Eyeball 35° Tilt, Self-flange

- Adjustable 35° tilt, 360° rotation
- Design optimized for PAR30S (short-neck) lamps
- Torsion spring retention
- · Socket supporting eyeball
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	E5TAT	- 75W PAR30S
H5RT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5130WH White Eyeball, White Trim



Dimensions** A: 3-7/8" [98mm] H: 2-1/4" [58mm] OD: 6-5/8" [168mm]

5135 Eyeball 35° Tilt, Self-flange

- · Conical adjustable eyeball trim for PAR20 lamps
- Torsion spring retention
- · Socket supporting
- 35° tilt, 360° rotation
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	50W PAR20
E5TAT	E5RTAT	- 50VV PARZU
Compatible with Halogen, Incandescent, LED* or CFL* lamps		



5135WH White Eyeball, White Trim, Self-flange

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.



Dimensions** A: 2-3/4" [70mm] H: 2-1/4" [58mm] OD: 6-5/8" [168mm]

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5165 Gimbal 35° Tilt, Self-flange

- · Adjustable gimbal trim for PAR30S (short-neck) lamps
- Torsion spring retention
- Socket supporting bracket
- 35° tilt, 360° rotation
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	- 75W PAR30S
E5TAT	E5RTAT	73W FARSUS

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5165WH White Gimbal, White Trim



5165BK Black Gimbal, Black Trim



5165SN Satin Nickel Gimbal, Satin Nickel Trim



5165TBZ Tuscan Bronze Gimbal, Tuscan Bronze Trim



Dimensions** A: 3-3/8" [85mm] H: 1-1/8" [29mm] OD: 6-5/8" [168mm]

5222 Regressed Angle Cut Adjustable Gimbal, 30° Tilt, Self-flange

- · Fully regressed gimbal
- · Torsion spring retention
- 30° tilt, 360° rotation
- Socket supporting
- Angle cut cone reflector and baffle options
- · Accommodates tilt of gimbal in a full regressed
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	60W PAR16, 50W PAR20,
E5TAT	E5RTAT	75W PAR30S, 75W PAR30L
Compati	ible with Ha	logen, Incandescent, LED* or CFL* lamps



White Baffle & Gimbal. White Trim



5222BB Black Baffle & Gimbal. White Trim



5222SC Specular Clear Reflector & Gimbal, White Trim



Haze Reflector & Gimbal. White Trim



Max Lamp Compatibility

60W A19, 50W PAR30S,

50W PAR30L, 65W BR30

5051 Frosted Glass Lens

- · Frosted glass lens
- Straight precision sided trim
- "Dead-Front" construction, wet location listed Showerlight
- · Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

H5RT

E5TAT E5RTAT

Housings



5051PS Frosted Glass Lens, White Trim



Dimensions** H: 5-9/16" [141mm] OD: 6-7/16" [164mm]

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5054 Frosted Glass Dome Lens

- · Frosted glass dome lens
- · Precision straight sided trim ring
- "Dead-Front" construction, wet location listed Showerlight
- · Non conductive, non corrosive gasketed polymer trim ring
- Torsion spring retention

Housings		Max Lamp Compatibility
H5T	H5RT	75W A19, 75W PAR30S
E5TAT	E5RTAT	



Frosted Glass Dome, White Trim



5054SNS Frosted Glass Dome, Satin Nickel Trim



5054TBZS Frosted Glass Dome, Tuscan Bronze Trim



Dimensions** LH: 1-3/4" [45mm] H: 4-1/2" [114mm] OD: 6-3/8" [162mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5145 Open Wet Location, Shallow, Self-flange

- Open wet location Showerlight for PAR30S and PAR30L outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- · For use only in standard and shallow housings

Housings		Max Lamp Compatibility
H5T	H5RT	7EW/ DA DOOG 7EW/ DA DOOL
E5TAT	E5RTAT	75W PAR30S, 75W PAR30L

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5145WH White Self-flange





5145SN Satin Nickel Self-flange



(Included)

Tuscan Bronze Self-flange

5145TBZ



Dimensions** A: 4-5/8" [117mm] D: 5/8" [16mm] H: 5-3/8" [138mm] OD: 6-5/8" [168mm]

5146 Open Wet Location, Self-flange

- Open wet location Showerlight for PAR30S and PAR30L outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	75/A/ DA DOOC 75/A/ DA DOOI
E5TAT	E5RTAT	- 75W PAR30S, 75W PAR30L
Compat	ible with Ha	logen Incandescent LED* or CEL* lam



5146WH White Self-flange





Satin Nickel Self-flange





5146TBZ Tuscan Bronze Self-flange



Dimensions** A: 4-3/4" [121mm] H: 6-1/4" [160mm] OD: 6-5/8" [168mm]

5150 Low Profile, Frosted Glass Dome Lens, Self-flange

- · Low profile, frosted glass dome lens
- · Wet location Showerlight
- · Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim and glass lens
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	60W A19, 50W PAR30S
E5TAT	E5RTAT	00VV A19, 50VV FAN50S

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5150WH

Frosted Glass Dome Lens with Reflector, White Plastic Self-flange



5150SN Frosted Glass Dome Lens with Reflector, Satin Nickel Plastic Self-flange



5150TBZ Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions** A: 4-1/2" [114mm] H: 5" [126mm] OD: 6-5/8" [168mm]

5162 Drop Opal Plastic Lens, Self-flange

- · Drop opal plastic lens
- · Wet location Showerlight
- · Non-conductive "dead-front" polymer (plastic) trim
- Torsion spring retention
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	42\\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
E5TAT	E5RTAT	- 43W A19
Compatible with Halogen, Incandescent, LED* or CFL* lamps		



Drop Opal Plastic Lens with Reflector, White Plastic Self-flange



Dimensions** A: 4-1/2" [114mm] H: 5-5/8" [118mm] OD: 6-5/8" [168mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5230 Squircle Frost Glass Lens, Metal Trim, Self-flange

- · Low profile frost glass lens
- Wet location Showerlight
- · Torsion spring retention
- · Self-flange low profile metal trim ring
- Socket supporting internal bracket
- Integral rotation adjustment up to +/- 25° for precise alignment with room

Housings		Max Lamp Compatibility
H5T	H5RT	Consult website
E5TAT	E5RTAT	www.eaton.com/lighting
Compati	ble with Ha	logen, Incandescent, LED* or CFL* lamps



5230AH Frost Glass Lens, Aluminum Haze Squircle Trim



5230PN Frost Glass Lens, Polished Nickel Squircle Trim



5230SN Frost Glass Lens, Satin Nickel Squircle Trim



5230TB7 Frost Glass Lens, Tuscan Bronze Squircle Trim

5255 Soft Square, Frost Curved Glass Lens, Self-flange



- · Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer plastic trim and glass lens
- Integral rotation adjustment up to +/- 25° for precise alignment with room
- Integrated socket supporting reflector for illumination across lens corner-to-corner

Housings		Max Lamp Compatibility
H5T	H5RT	- 60W A19, 60W PAR30S
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5255WH

Frost Curved Glass Lens with Reflector, White Plastic Self-flange



5255SN

Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange



5255TBZ

Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions** A: 5-1/8" [130mm]

D: 1" [26mm] H: 5-1/2" [140mm] OD: 6-7/8" [174mm]

5000 PAR Metal Splay, Self-flange

- · Straight precision sided trim ring (fixed, not remodeled)
- Open metal splay trim
- Dual socket position socket for BR and PAR lamps
- Torsion spring retention
- Socket supporting

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E5TAT	E5RTAT	75W PAR30S, 75W PAR30L, 65W BR30
Compatible with Halogen, Incandescent, LED* or CFL* lamps		



5000P White Splay, White Trim



5000SN Satin Nickel Splay, Satin Nickel Trim



5000TR7 Tuscan Bronze Splay, Tuscan Bronze Trim



Dimensions** H: 4-5/8" [118mm] OD: 6-3/8" [162mm]

5175 Open, Wide Self-flange

- Open trim for BR & PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L,
E5TAT	E5RTAT	65W BR30



5175WH White Self-flange



Satin Nickel Self-flange



5175TBZ Tuscan Bronze Self-flange



Dimensions** A: 3-7/8" [99mm] H: 3/4" [19mm] OD: 6-5/8" [168mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5176 Open, Wide Self-flange

- · Open trim for BR & PAR lamps
- · Torsion spring retention
- · Socket supporting integral bracket
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L,
E5TAT	E5RTAT	65W BR30
C		





5176WH White Self-flange



5176SN Satin Nickel Self-flange



5176TBZ Tuscan Bronze Self-flange



Dimensions** A: 3-7/8" [99mm] H: 4-3/4" [120mm] OD: 6-5/8" [168mm]

5185 Open, Splay Self-flange

- . Open splay trim for BR & PAR lamps
- · Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L,
E5TAT	E5RTAT	65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5185WH White Self-flange



5185SN Satin Nickel Self-flange



5185TBZ Tuscan Bronze Self-flange



Dimensions** A: 3-7/8" [99mm] H: 1" [27mm] OD: 6-5/8" [168mm]

5186 Splay, Self-flange

- Splay trim for BR & PAR lamps
- · Torsion spring retention
- · Socket supporting integral bracket
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L,
E5TAT	E5RTAT	65W BR30
Compatible with Halogen, Incandescent, LED* or CFL* lamps		



5186WH White Self-flange



5186SN Satin Nickel Self-flange



5186TBZ Tuscan Bronze Self-flange



Dimensions** A: 3-7/8" [99mm] H: 4-7/8" [123mm] OD: 6-5/8" [168mm]

5030 Wall Wash with Baffle

- · Straight precision sided trim ring
- Designed to spread light closer to the ceiling to eliminate the "cave effect"
- · Provides a wash of light
- 360° rotation
- · Torsion spring retention
- · Socket supporting

Housings		Max Lamp Compatibility
H5T	H5RT	50W TB19, 60W A19, 60W BT15, 60W MB19
E5TAT	E5RTAT	60W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps



*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

White Eyelid with White Baffle, White Trim



White Eyelid with Black Baffle, White Trim



Dimensions** H: 6-7/8" [173mm] OD: 6-1/4" [159mm]

5030W

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

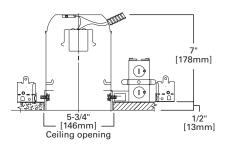
E26 Screw Base Non-IC Housing – No Socket Bracket

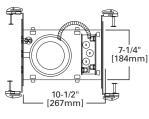
H5TNR



5" Non-IC, New Construction Housing, No Socket Bracket, 120V

The H5TNB recessed housing is designed for residential and light commercial applications. H5TNB features full-frame robust construction, feed through listing, Got Nail! bar hangers; and may support the use of higher wattage lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H5TNB is for use non-insulated ceilings. If insulation is present it must be kept 3" from all sides of the housing. The H5TNB can save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate and the fixed lamp position of socket supporting trims saves on lamp adjustment time too. May be retrofit with compatible Halo LED lighting systems.







Special Features

Got Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Slide-N-Side™ junction box Quick Connect™ push wire nuts

Compatible Trims

5000	5020	5060	5130	5150	5186
5001	5021	5070	5135	5162	5222
5010	5030	5071	5145	5165	5230
5012	5051	5120	5146	5176	5255
5016	5054	5125			



us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- Single wall die-stamped CRS with white powder coat finish
- Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness

Plaster Frame

- · Galvanized steel construction
- The housing can be removed from plaster frame to provide access to the junction box
- · Plaster frame features include:
 - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
 - Cutouts for easily crimping hanger bars in position
 - Halo name embossed on plaster frame

Includes:

- Got Nail![™] bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru[™] (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)

Socket

- Porcelain socket with nickel plated brass screw shell
- · Snaps into trim for consistent lamp positioning
- · Overspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- IP rated (Improper Lamp)
- RoHS compliant

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E26 Screw Base Non-IC Housing - No Socket Bracket

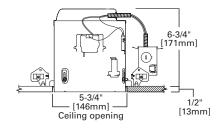
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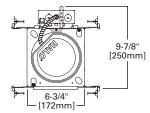
E5TATNB



5" Non-IC, Air-Tite, New Construction Housing, No Socket Bracket, 120V

The E5TATNB is a compact and efficient recessed housing optimized and listed for EISA compliant, tungsten-halogen, CFL and LED lamps as well as incandescent. The Halo E5TATNB housing is for use in non-insulated ceilings, suitable for residential or light commercial applications; with Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. E5TATNB is designed for use in non-insulated ceilings, if insulation is present it must be kept 3" from all sides of the housing. May be retrofit with compatible Halo LED lighting systems. The E5TATNB can save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate and the fixed lamp position of socket supporting trims saves on lamp adjustment time too. May be retrofit with Halo LED lighting systems.











Special Features

All-Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Hinged j-box with Slide-N-Side™ Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

5000	5020	5060	5130	5150	5186
5001	5021	5070	5135	5162	5222
5010	5030	5071	5145	5165	5230
5012	5051	5120	5146	5176	5255
5016	5054	5125			



c(UL)us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- · Single wall die-formed housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, frame and finished ceiling - without need for additional caulk
- May be removed from the plaster frame to provide access to junction box

Plaster Frame

- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" 1" ceiling thickness.
- (2) Regressed locking screws for securing hanger bars

Includes:

- All-Nail!™ bar hangers (Details Pg. 15)
- q-Channel bar hangers (Details Pg. 15)
- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect[™] push wire nuts (Details Pg. 15)
- Air-Tite[™] code compliant (Details Pg. 15)

Socket

- · Porcelain socket with nickel plated brass screw shell
- Snap-in socket speeds installation and attaches directly to the trim for consistent lamp positioning
- Shipped with socket overspray protector installed

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

Reflectors ·

5020 PAR Reflector

- Straight precision sided trim ring (fixed, not removable)
- · Torsion spring retention
- · Dual socket position for BR and PAR lamps
- · Socket supporting integral bracket

Housings	Max Lamp Compatibility
H5TNB	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E5TATNB	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Reflector, White Trim

Satin Nickel Reflector,

Satin Nickel Trim

5020SN



Haze Reflector, White Trim

Tuscan Bronze Reflector,

Tuscan Bronze Trim

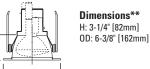
5020TBZ



5020SC Specular Clear Reflector, White Trim



Black Specular Reflector, White Trim



5021 Full Reflector

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- For use with A-lamps
- · Socket supporting integral bracket

Housings	Max Lamp Compatibility		
H5TNB	COM A 10		
E5TATNB	- 60W A19		
Compatible wit	h Halogen Incandescent I FD* or CFI * lamps		



5021H Haze Reflector, White Trim



5021SC Specular Clear Reflector, White Trim



5021TBZ Tuscan Bronze Reflector, Tuscan Bronze Trim



Dimensions** H: 5" [127mm] OD: 6-3/8" [162mm]

5120 Full Cone Reflector, Self-flange

- · Full cone reflector
- · Torsion spring retention
- · Socket supporting
- · Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5TNB	60W A19, 75W PAR30S,
E5TATNB	75W PAR30L, 65W BR30
Compatible with Halogen, Incandescent, LED* or CFL* lamps	



5120WH White Reflector. White Self-flange



Satin Nickel Reflector. Satin Nickel Self-flange



5120TBZ Tuscan Bonze Reflector. Tuscan Bronze Self-flange



Dimensions** A: 4-3/4" [121mm] H: 6-1/4" [160mm] OD: 6-5/8" [168mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5001 PAR Metal Baffle Splay

- · Straight precision sided trim ring (fixed, not removable)
- · Torsion spring retention
- Dual socket position for BR and PAR lamps
- · Socket supporting

Housings	Max Lamp Compatibility
	50W PAR20, 75W PAR30S,
H5TNB	75W PAR30L, 65W BR30,
	50W R20, 75W R30
E5TATNB	50W PAR20, 75W PAR30S,
EUIAIND	75W PAR30L, 65W BR30
0	th Halanaa laasaalaasaa LED* CEL* laasaa

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5001P White Baffle, White Trim



5001MB Black Baffle, White Trim



5001SN Satin Nickel Baffle, Satin Nickel Trim



5001TBZ Tuscan Bronze Baffle, Tuscan Bronze Trim



Dimensions** H: 6-1/8" [152mm] OD: 6-3/8" [156mm]

5012 High Coilex® Baffle

- Straight precision sided trim ring (fixed, not removable)
- · Provides ultra deep lamp regression (not compatible with H5TM)
- · Socket supporting
- · Torsion spring retention



White Baffle, White Trim



Black Baffle, White Trim



Dimensions** H: 6" [152mm] OD: 6-3/8" [156mm]

Housings	Max Lamp Compatibility
H5TNB	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E5TATNB	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5016 Coilex® Baffle with Reflector

- · Straight precision sided trim ring (fixed, not removable)
- · Torsion spring retention
- Dual socket position for BR and PAR lamps
- Socket supporting

Housings	Max Lamp Compatibility
H5TNB	60W A19, 75W PAR30S,
E5TATNB	75W PAR30L, 65W BR30
Compatible with	Halogen, Incandescent, LED* or CFL* lamps







5016P Black Baffle, White Trim



Dimensions** H: 6-3/4" [171mm] OD: 6-3/8" [162mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5125WB

5125 Full Cone Baffle, Self-flange

- · Full cone baffle trim
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5TNB	60W A19, 75W PAR30S,
E5TATNB	75W PAR30L, 65W BR30





White Baffle, White Self-flange White Baffle, Black Self-flange Black Baffle, Black Self-flange





Dimensions** A: 4-3/4" [121mm] H: 6-1/4" [160mm] OD: 6-5/8" [168mm]

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5060 Adjustable Gimbal 20° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- For directional accent lighting
- Torsion spring retention
- 20° tilt 360° rotation
- · Socket supporting



White Gimbal, White Trim



Dimensions** H: 3-1/4" [82mm] OD: 6-3/8" [162mm]

Max Lamp Compatibility Housings

H5TNB 75W PAR30S E5TATNB

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5070 Adjustable Eyeball 30° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- · For directional accent lighting
- Torsion spring retention
- 30° tilt 360° rotation
- · Socket supporting

Housings

H5TNB

E5TATNB



White Eyeball, White Trim



5070SN Satin Nickel Eyeball, Satin Nickel Trim



Tuscan Bronze Eyeball, Tuscan Bronze Trim



Dimensions** A: 3-7/8" [98mm] H: 3-3/8" [86mm] OD: 6-3/8" [162mm]

5071 Adjustable Eyeball 30° Tilt, Self-flange

Max Lamp Compatibility

Compatible with Halogen, Incandescent, LED* or CFL* lamps

75W PAR30S

- Straight precision sided trim ring (fixed, not removable)
- For directional accent lighting
- · Torsion spring retention
- 30° tilt 360° rotation
- Socket supporting







Dimensions** OD: 6-1/2" [165mm]

Housings Max Lamp Compatibility 50W PAR20, 50W R20 H5TNB 50W PAR20 **E5TATNB** Compatible with Halogen, Incandescent, LED* or CFL* lamps

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

Non-IC "NB" Housings: H5TNB • E5TATNB

5130 Eyeball 35°Tilt, Self-flange

- · Adjustable 35° tilt, 360° rotation
- · Design optimized for PAR30S (short-neck) lamps
- · Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

caasea by construction tolerances		
Housings Max Lamp Compatibility		
H5TNB	- 75W PAR30S	
E5TATNB	- 75VV PAR3US	
Compatible with Halogen, Incandescent, LED* or CFL* lamps		



5130WH White Eyeball, White Trim



Dimensions** A: 3-7/8" [98mm] H: 2-1/4" [58mm] OD: 6-5/8" [168mm]

5135 Eyeball 35° Tilt, Self-flange

- · Conical adjustable eyeball trim for PAR20 lamps
- · Torsion spring retention
- · Socket supporting
- 35° tilt, 360° rotation
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility	
H5TNB	50W PAR20	
E5TATNB	SUVV FARZU	
Compatible with	Halogen, Incandescent, LED* or CFL* lamps	



5135WH White Eyeball, White Trim, Self-flange



Dimensions**A: 2-3/4" [70mm]
H: 2-1/4" [58mm]
OD: 6-5/8" [168mm]

5165 Gimbal 35° Tilt, Self-flange

- Adjustable gimbal trim for PAR30S (short-neck) lamps
- · Torsion spring retention
- · Socket supporting
- · 35° tilt, 360° rotation
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility	
H5TNB	75W PAR30S	
E5TATNB	- 75W PAR3US	

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5165WH White Gimbal, White Trim



5165BK 510 Black Gimbal, Black Trim Sa



5165SN Satin Nickel Gimbal, Satin Nickel Trim



5165TBZ Tuscan Bronze Gimbal, Tuscan Bronze Trim



Dimensions**A: 3-3/8" [85mm]
H: 1-1/8" [29mm]
OD: 6-5/8" [168mm]

5222 Regressed Angle Cut Adjustable Gimbal, 30° Tilt, Self-flange

- Fully regressed gimbal
- · Torsion spring retention
- 30° tilt, 360° rotation
- · Socket supporting
- · Angle cut cone reflector and baffle options
- Accommodates tilt of gimbal in a full regressed cut cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5TNB	75W PAR30S, 75W PAR30L,
E5TATNB	60W PAR16, 50W PAR20
Compatible with Halogen, Incandescent, LED* or CFL* lamps	





5222BB Black Baffle & Gimbal, White Trim



5222SCSpecular Clear Reflector & Gimbal, White Trim



5222H Haze Reflector & Gimbal, White Trim



Dimensions**A: 5"127mm]
H: 3-1/8" [79mm]
OD: 6-5/8" [168mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

Lenses & Wet Location Showerlights

5051 Frosted Glass Lens - Showerlight

- · Straight precision sided trim ring
- Frosted glass lens
- "Dead-Front" construction, wet location listed Showerlight
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

Housings



5051PS

Frosted Glass Lens, White Trim



Dimensions** H: 5-9/16" [141mm] OD: 6-7/16" [164mm]

H5TNB 60W A19, 50W PAR30S, 50W PAR30L, 65W BR30 E5TATNB

Compatible with Halogen, Incandescent, LED* or CFL* lamps

Max Lamp Compatibility

5054 Frosted Glass Dome Lens

- · Frosted glass dome lens
- Straight precision sided trim ring
- "Dead-Front" construction. wet location listed Showerlight
- Non conductive, non corrosive gasketed polymer trim ring
- Torsion spring retention

5054PS Frosted Glass Dome, White Trim



Frosted Glass Dome. Satin Nickel Trim



Frosted Glass Dome. Tuscan Bronze Trim

5145TR7

Tuscan Bronze Self-flange



Dimensions** LH: 1-3/4" [45mm] H: 4-1/2" [114mm] OD: 6-3/8" [162mm]

Max Lamp Compatibility Housings H5TNB 75W A19, 75W PAR30S E5TATNB

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5145 Open Wet Location, Shallow, Self-flange

- Open wet location Showerlight for PAR30S and PAR30L outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility	
H5TNB	75W PAR30S, 75W PAR30L	
E5TATNB	- 75VV PAR305, 75VV PAR30L	
Compatible with	Halogon Incandoscont LED* or CEL* lamps	



5145WH White Self-flange





5145SN Satin Nickel Self-flange



Lamp Gasket (Included)



Dimensions** A: 4-5/8" [117mm] D: 5/8" [16mm] H: 5-3/8" [138mm] OD: 6-5/8" [168mm]

5146 Open Wet Location, Self-flange

- Open wet location Showerlight for PAR30S and PAR30L outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility	
H5TNB	TELAT DA DOGO, TELAT DA DOGI	
E5TATNB	- 75W PAR30S, 75W PAR30L	
Compatible with	h Halogen, Incandescent, LED* or CFL* lan	



5146WH White Self-flange





Satin Nickel Self-flange





5146TBZ Tuscan Bronze Self-flange



Dimensions** A: 4-3/4" [121mm] H: 6-1/4" [160mm] OD: 6-5/8" [168mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

5150 Low Profile, Frosted Glass Dome Lens, Self-flange

- · Low profile, frosted glass dome lens
- · Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim and glass lens
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5TNB	COMMAND FORM DARROS
E5TATNB	- 60W A19, 50W PAR30S
Compatible with Halogen, Incandescent, LED* or CFL* lamps	



5150WH

Frosted Glass Dome Lens with Reflector, White Plastic Self-flange



5150SN

Frosted Glass Dome Lens with Reflector, Satin Nickel Plastic Self-flange



5150TBZ

Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions**

A: 4-1/2" [114mm] H: 5" [126mm] OD: 6-5/8" [168mm]

5162 Drop Opal Plastic Lens, Self-flange

- Drop opal plastic lens
- Wet location Showerlight

Non-conductive "dead-front" polymer (plastic) trim		
Torsion spring retention		
Socket supporting internal reflector		
Self-flange trim ring sized to hide gaps caused by construction tolerances		5162WH
nueinne	May Lamn Comnatibility	Drop Opal Plastic Lens with Reflector, White Plastic Self-flange



Dimensions**

A: 4-1/2" [114mm] H: 5-5/8" [118mm] OD: 6-5/8" [168mm]

Housings	Max Lamp Compatibility
HETNID	

H5TNB 43W A19 E5TATNB

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5230 Squircle Frost Glass Lens, Metal Trim, Self-flange

- · Low profile frost glass lens
- · Wet location Showerlight
- Torsion spring retention

Housings

- · Self-flange low profile metal trim ring
- · Socket supporting internal bracket
- Integral rotation adjustment up to +/- 25° for precise alignment with room



5230AH

Frost Glass Lens, Aluminum Haze Squircle Trim



5230PN

Frost Glass Lens, Polished Nickel Squircle Trim



5230SN

Frost Glass Lens, Satin Nickel Squircle Trim



5230TBZ

Frost Glass Lens, Tuscan Bronze Squircle Trim

H5TNB Consult website E5TATNB www.eaton.com/lighting

Compatible with Halogen, Incandescent, LED* or CFL* lamps

Max Lamp Compatibility

5255 Soft Square, Frost Curved Glass Lens, Self-flange

- · Low profile curved frost glass lens
- · Wet location Showerlight
- · Torsion spring retention
- · Non-conductive "dead-front" polymer plastic trim and glass lens
- Integral rotation adjustment up to +/- 25° for precise alignment with room
- Integrated socket supporting reflector for illumination across lens corner-to-corner

Housings	Max Lamp Compatibility
H5TNB	COM A10 COM DADOC
E5TATNB	60W A19, 60W PAR30S
Compatible with Halogen, Incandescent, LED* or CFL* lamps	



5255WH

Frost Curved Glass Lens with Reflector, White Plastic Self-flange



5255SN

Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange



5255TR7

Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions**

A: 5-1/8" [130mm] D: 1" [26mm] H: 5-1/2" [140mm] OD: 6-7/8" [174mm]

**Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

Open, Splay & Wall Wash · ·

5000 PAR Metal Splay, Self-flange

- Straight precision sided trim ring (fixed, not remodeled)
- · Open metal splay trim
- · Dual socket position socket for BR and PAR lamps
- · Torsion spring retention
- · Socket supporting

Housings	Max Lamp Compatibility
H5TNB	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E5TATNB	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5000P White Splay, White Trim



5000SN Satin Nickel Splay, Satin Nickel Trim



5000TBZ Tuscan Bronze Splay, Tuscan Bronze Trim



Dimensions** H: 4-5/8" [118mm] OD: 6-3/8" [162mm]

5030 Wall Wash with Baffle

- Straight precision sided trim ring
- Designed to spread light closer to the ceiling to eliminate the "cave effect"
- Provides a wash of light
- 360° rotation
- Torsion spring retention
- · Socket supporting

Housings	Max Lamp Compatibility
H5TNB	60W A19, 50W TB19, 60W BT15, 60W MB19
E5TATNB	60W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5030W White Eyelid with White Baffle, White Trim



5030P White Eyelid with Black Baffle, White Trim



Dimensions** H: 6-7/8" [173mm] OD: 6-1/4" [159mm]

5176 Open, Wide Self-flange

- Open trim for BR & PAR lamps
- · Torsion spring retention
- Socket supporting integral
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5TNB	75W PAR30S, 75W PAR30L,
E5TATNB	65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



5176WH White Self-flange



Satin Nickel Self-flange



5176TBZ Tuscan Bronze Self-flange



Dimensions** A: 3-7/8" [99mm] H: 4-3/4" [120mm] OD: 6-5/8" [168mm]

5186 Splay, Self-flange

- Splay trim for BR & PAR lamps
- · Torsion spring retention
- Socket supporting integral
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5TNB	75W PAR30S, 75W PAR30L,
E5TATNB	65W BR30
Compatible with Halogen, Incandescent, LED* or CFL* lamps	





Satin Nickel Self-flange



5186TBZ Tuscan Bronze Self-flange



Dimensions** A: 3-7/8" [99mm] H: 4-7/8" [123mm] OD: 6-5/8" [168mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, D: Depth Profile, H: Height, LH: Lens Height, OD: Trim Outside Diameter





E26 Screw Base Insulated Ceiling Housings & Trims Quick Reference - IC

rim Series #	Style	H7ICT	H7ICAT	H7RICT	H7RICAT	E7ICAT	E7RICAT	H7UICAT
0	Reflector & Baffle	•	•	•	•	•	•	•
0	Showerlight	_	_	_	_	_	_	•
1	Showerlight	_	_	_	_	_	_	•
3	Showerlight	_	_	_	_	_	_	•
4	Adjustable	•	•	•	•	•	•	•
6	Adjustable	•	•	•	•	•	•	•
8	Adjustable	•	•	•	•	•	•	•
9	Pinhole	_	_	_	_	_	_	•
70	Showerlight	•	•	•	•	•	•	•
71	Showerlight	•	•	•	•	•	•	•
72	Showerlight	•	•	•	•	•	•	•
73	Showerlight	•	•	•	•	•	•	•
00	Open	•	•	•	•	•	•	•
10	Baffle	•	•	•	•	•	•	•
			•		•	•		•
27	Splay	•		•			•	
28	Splay	•	•	•	•	•	•	•
53	Baffle	•	•	•	•	•	•	•
76	Adjustable	•	•	•	•	•	•	•
78	Adjustable	•	•	•	•	•	_	•
04	Reflector	•	•	•	•	•		•
19	Adjustable	_	_	_	_	_	_	•
20	Adjustable	•	•	•	•	•	•	•
24	Wall Wash	_	_	_	_	_	_	•
25	Wall Wash	_	_	_	_	_	_	•
26	Reflector	•	•	•	•	•	•	•
29	Reflector	•	•	•	•	•	•	•
30	Wall Wash	•	•	•	•	•	•	•
78	Adjustable	•	•	•	•	•	•	_
041	Reflector	•	•	•	•	•	_	•
261	Reflector	•	•	•	•	•	•	•
0SBAT	Reflector	•	•	•	•	•	•	•
100	Baffle	•	•	•	•	•	•	•
101	Baffle	•	•	•	•	•	•	•
102	Baffle	•	•	•	•	•	•	•
103	Baffle	•	•	•	•	•	•	•
106	Reflector	•	•	•	•	•	•	•
107	Reflector	•	•	•	•	•	•	•
107	Baffle	•	•	•	•	•	•	•
108	Baffle	•	•			•	•	•
				•	•		•	
110	Baffle	•	•	•	•	•	•	_
120	Reflector	•	•	•	•	•	•	•
121	Reflector	•	•	•	•	•	•	•
125	Baffle	•	•	•	•	•	•	•
126	Baffle	•	•	•	•	•	•	•
130	Adjustable	•	•	•	•	•	•	•
145	Open Showerlight	•	•	•	•	•	•	•
146	Open Showerlight	•	•	•	•	•	•	•
150	Showerlight	•	•	•	•	•	•	•
160	Showerlight	_	_	_	_	_	_	•
162	Showerlight	•	•	•	•	•	•	•
170	Adjustable	•	•	•	•	•	•	_
215	Adjustable	•	•	•	•	•	•	•
222	Adjustable	•	•	•	•	•	•	•
230	Showerlight	•	•	•	•	•	•	•
255	Showerlight	•	•	•	•	•	•	•

E26 Screw Base Insulated Ceiling Housings & Trims

Quick Reference – IC

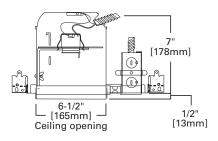
Trim Series #	Style	H7ICTNB	H7ICATNB	E7ICATNB	H27ICAT	H27RICAT	E27ICAT	E27RICAT
30	Reflector & Baffle	•	•	•	_	_	_	
74	Adjustable	•	•	•	•	•	•	•
76	Adjustable	•	•	•	_	_	_	_
18	Adjustable	•	•	•	•	•	•	•
170	Showerlight	•	•	•	•	•	•	•
171	Showerlight	•	•	•	•	•	•	•
172	Showerlight	•	•	•	•	•	•	•
173	Showerlight	•	•	•	•	_	•	_
300	Open	•	•	•	•	•	•	•
310	Baffle	_	_	_	•	•	•	•
327	Splay	•	•	•	_	_	_	_
328	Splay	_	_	_	•	•	•	•
353	Baffle	_	_	_	•	•	•	•
376	Adjustable	•	•	•	_	_	_	_
378	Adjustable	•	•	•	_	_	_	_
404	Reflector	•	•	•	_	_	_	_
420	Reflector	•	•	•	•	•	•	•
426	Reflector	<u> </u>	_	_	•	•	•	•
429	Reflector	_	_	_	_	_	_	_
430	Wall Wash	•	•	•	_	_	_	_
478	Adjustable	•	•	•	_	_	_	_
4041	Reflector	•	•	•	_	_	_	_
4261	Reflector		_		_			
30SBAT	Reflector	•	•	•	_	_	_	_
6100	Baffle		_	_	•	•	•	•
6101	Baffle	_	_	_	•	•	•	•
6102	Baffle				•	•	•	
	Baffle	_	_	_	•	•		•
6103			_	<u> </u>			•	•
6106	Reflector	_	_	_	•	•	•	•
5107	Reflector	<u> </u>	_	<u> </u>	•	•	•	•
6108	Baffle	_	_	_	•	•	•	•
6109	Baffle	_	_	<u> </u>	•	•	•	•
6110	Baffle	_	_	_	•	•	•	•
6120	Reflector	•	•	•	_	_	_	_
6121	Reflector	•	•	•	•	•	•	•
5125	Baffle	•	•	•	_	_		
6126	Baffle	•	•	•	•	•	•	•
6130	Adjustable	•	•	•	•	•	•	•
6145	Open Showerlight	•	•	•	•	•	•	•
6146	Open Showerlight	•	•	•			_	
6150	Showerlight	•	•	•	•	•	•	•
6162	Showerlight	•	•	•	•	•	•	•
6170	Adjustable	•	•	•	_	_	_	_
6215	Adjustable	•	•	•	•	•	•	•
5222	Adjustable	•	•	•	_	_	_	_
6230	Showerlight	•	•	•	•	•	•	•
6255	Showerlight	•	•	•	•	•	•	•

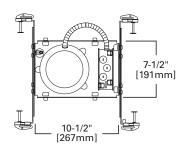
H7ICT



6" IC, New Construction, 120V

The H7 recessed housing is the standard in the industry for both light commercial and residential applications. H7 series features full-frame design, robust construction, feed-through listing, Got Nail! bar hangers; and may support use of higher wattage lamps. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. H7ICT is for installations where the housing will be in direct contact with insulation*. H7ICT may be converted into Air-Tite installation when used with Air-Tite trims. May be retrofit with compatible Halo LED lighting systems.









Special Features

Got Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Slide-N-Side™ junction box Quick Connect™ push wire nuts

Compatible Trims

30⁰	300	404	6100	6110	6150
74	310	420	6101	61200	6162
76	327	426	6102	6121	6170
78◊	328	429	6103	61250	6215
1700	353	4300	6106	6126	6222
171◊	376	478	6107	6130	6230
1720	378	4041	6108	6145	6255
1730		4261	6109	6146	30SBAT ⁰



c(UL)us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Air-Tite trims can make the H7ICT installation ASTM E283 compliant

Features

Housing

- · Single wall aluminum housing
- · Aluminum construction for greater heat dissipation

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame

- Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness
- · Galvanized steel construction
- · Plaster frame features include:
 - · Regressed locking screw for securing hanger bars
 - · Cutouts for easily crimping hanger bars in position
 - · Halo name embossed on plaster frame
 - The housing may be removed from plaster frame to provide access to the junction box

Includes:

- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)

Socket

- · Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- · Overspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

Halo Recessed Catalog - 6" Recessed Downlighting

H7ICAT

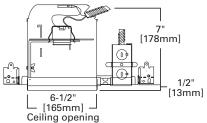


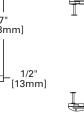
7-1/2" [191mm]



6" IC, Air-Tite, New Construction, 120V

The H7 recessed housing is the standard in the industry for both light commercial and residential applications. H7 series features full-frame design, robust construction, feed-through listing, Got Nail! bar hangers; and may support use of higher wattage lamps. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. H7ICAT is for installations where the housing will be in direct contact with insulation,* and its Air-Tite design will also meet restricted air flow code requirements. May be retrofit with compatible Halo LED lighting systems.











Special Features

Got Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

30	300	404	6100	6110	6150
74	310	420	6101	6120	6162
76	327	426	6102	6121	6170
78	328	429	6103	6125	6215
170	353	430	6106	6126	6222
171	376	478	6107	6130	6230
172	378	4041	6108	6145	6255
173		4261	6109	6146	30SBAT

10-1/2

[267mm]



 $\mathbf{c}(\mathbf{U}\mathbf{L})$ us $\,$ Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- · Single wall aluminum housing
- · Aluminum construction for greater heat dissipation
- Sealed and gasketed for Air-Tite™ ready installation
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame

- Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness
- Galvanized steel construction
- · Plaster frame features include:
 - Regressed locking screw for securing hanger bars
 - Cutouts for easily crimping hanger bars in position
 - Halo name embossed on plaster frame
 - The housing may be removed from plaster frame to provide access to the junction box
 - Pre-installed Air-Tite ready ceiling contact gasket

Includes:

- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

Socket

- · Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- · Overspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- · cULus Listed 1598 luminaire
- cULus Listed damp location.
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- · cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- · RoHS compliant

^{*}Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

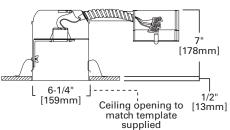
H7RIC1

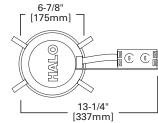


H7RICT

6" IC, Remodel, 120V

The H7 recessed remodel housing is the standard in the industry for both light commercial and residential applications. H7 series remodel housings feature robust construction, full-sized remodel junction box; and may support use of higher wattage lamps. Designed for use in existing ceilings, the remodel housing slips through opening in the finished ceiling. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. The H7RICT is for installations where the housing will be in direct contact with insulation*. H7RICT may be converted into Air-Tite installation when used with Air-Tite trims. May be retrofit with compatible Halo LED lighting systems.









Special Features

Quick Connect™ push wire nuts

Compatible Trims

300	300	404	6100	6110	6150
74	310	420	6101	6120°	6162
76	327	426	6102	61210	6170
78◊	328	429	6103	61250	6215
170⁰	353	430⁰	6106	6126°	6222
1710	376	478	6107	6130	6230
1720	378	4041	6108	6145	6255
173⁰		4261	6109	6146	30SBAT [◊]



us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Air-Tite trims can make the H7RICT installation ASTM E283 compliant

Features

Housing

- · Single wall aluminum housing
- Aluminum construction for greater heat dissipation
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Junction Box

- Seven 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs
- Four non-metallic (NM) cable pry-outs included

Includes:

Quick Connect[™] push wire nuts (Details Pg. 13)

Remodel Springs

Four remodel springs secure housing and accommodate 1/2" and 5/8" ceiling material

Socke

- · Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- · RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

H7RICAT

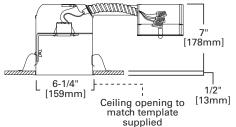


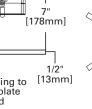


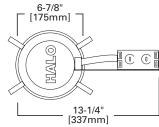
H7RICAT

6" ICAT, Air-Tite, Remodel, 120V

The H7 recessed remodel housing is the standard in the industry for both light commercial and residential applications. H7 series remodel housings feature robust construction, full-sized remodel junction box; and may support use of higher wattage lamps. Designed for use in existing ceilings, the remodel housing slips through opening in the finished ceiling. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. The H7RICAT remodel housing is for installations where the housing will be in direct contact with insulation,* and its Air-Tite design will also meet restricted air flow code requirements. May be retrofit with compatible Halo LED lighting systems.













Special Features

Quick Connect™ push wire nuts Air-Tite™ code compliant

Compa	atible	Trims

	_				
30	300	404	6100	6110	6150
74	310	420	6101	6120	6162
76	327	426	6102	6121	6170
78	328	429	6103	6125	6215
170	353	430	6106	6126	6222
171	376	478	6107	6130	6230
172	378	4041	6108	6145	6255
173		4261	6109	6146	30SBAT



Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- Aluminum construction for greater heat dissipation
- · For installation from below the finished ceiling. Integral flange secures fixture against ceiling.
- · Pre-installed Air-Tite ready ceiling contact gasket on flange

Socket Plate

- · Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Junction Box

- Seven 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs
- Four non-metallic (NM) cable pry-outs included

Includes:

- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

Remodel Springs

Four remodel springs secure housing and accommodate 1/2" and 5/8" ceiling material

Socket

- · Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- · Overspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location. covered ceiling, with select trims
- · cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant, Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

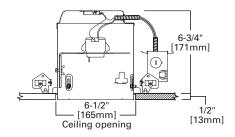
^{*}Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

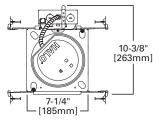
F7ICAT



6" IC, Air-Tite, New Construction Housing, 120V

The E7ICAT is a compact and efficient recessed housing optimized and listed for EISA compliant tungsten-halogen, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial applications. For installation in insulated ceilings* and non-insulated ceilings with Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with compatible Halo LED lighting systems.











Special Features

All-Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Hinged j-box with Slide-N-Side™ Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

30	300	404	6100	6110	6150	
74	310	420	6101	6120	6162	
76	327	426	6102	6121	6170	
78	328	429	6103	6125	6215	
170	353	430	6106	6126	6222	
171	376	478	6107	6130	6230	
172	378	4041	6108	6145	6255	
173		4261	6109	6146	30SBAT	



(UL)us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- · Single wall die-formed aluminum housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, frame and finished ceiling - without need for additional caulk
- May be removed from the plaster frame to provide access to junction box

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame

- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" – 1" ceiling thickness.
- (2) Regressed locking screws for securing hanger bars

Includes:

- All-Nail![™] bar hangers (Details Pg. 15)
- q-Channel bars with Pass-N-Thru[™] (Details Pg. 15)
- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect[™] push wire nuts (Details Pg. 15)
- Air-Tite[™] code compliant (Details Pg. 15)

Socket

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Shipped with socket overspray protector installed

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Recessed Catalog - 6" Recessed Downlighting

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

E7RICAT

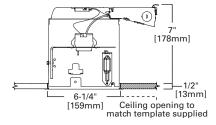


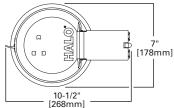


E7RICAT

6" IC, Air-Tite, Remodel Housing, 120V

The E7RICAT is a compact and efficient recessed remodel housing optimized and listed for EISA compliant tungsten-halogen, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial applications. For installation in insulated ceilings* and non-insulated ceilings with Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with compatible Halo LED lighting systems.











Special Features

Hinged j-box with Slide-N-Side™ Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

30	300	426	6103	6121	6162
74	310	429	6106	6125	6170
76	327	430	6107	6126	6215
78	328	478	6108	6130	6222
170	353	4261	6109	6145	6230
171	376	6100	6110	6146	6255
172	420	6101	6120	6150	30SBAT
173		6102			



us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- · Single wall die-formed aluminum housing
- Die formed flange maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, flange and finished ceiling - without need for additional caulk
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

Remodel Retention System - Speed Clamps

 Exclusive two integral speed clamps securely lock housing to ceiling, accommodating 3/8" to 2" ceiling materials

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Includes:

- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect[™] push wire nuts (Details Pg. 15)
- Air-Tite[™] code compliant (Details Pg. 15)

Socket

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Shipped with socket overspray protector installed

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Quick Connect™ Wiring Tray

- (3) Color coded 4-port push-in wire nuts included
- Captive tray holds push-nuts in place for one-handed connections to line, neutral & ground
- Speeds installation and increases reliability
- No additional wire nuts required

Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- · RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

IC Housings: H7ICT • H7ICAT • H7RICT • H7RICAT • E7ICAT • E7RICAT

Reflectors

30 Reflector, Self-flange

- Self-flange reflector with torsion spring retention
- Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used
- Socket supporting reflector

Housing	gs	Max Lamp Compatibility		
H7ICT	H7RICT	60W A19, 75W PAR30S,		
H7ICAT	H7RICAT	75W PAR30L, 65W PAR38, 65W BR30, 90W BR40, 75W R30		
E7ICAT	E7RICAT	53W A19, 75W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40		
Compatible with Halogen, Incandescent, LED* or CFL* lamps				



Haze Reflector, White Trim



30RGAT Residential Gold Reflector, White Trim



Clear Specular Reflector, White Trim



Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

30SBAT Reflector, Self-flange

- Self-flange reflector with torsion spring retention
- Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used
- · Socket supporting reflector



Compatible with Halogen, Incandescent, LED* or CFL* lamps

65W BR30, 65W BR40

Max Lamp Compatibility

404C, 404H: 53W A19

404SN, 404TBZ: 43W A19



30SBAT Specular Black Reflector & Trim



Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

404 Specular Reflector

- · Full reflector for use with A-lamps
- Friction clip retention on housing plaster ring

60W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

Removable trim ring

Housings

H7ICT

H7ICAT

F7ICAT

- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Socket supporting reflector

H7RICT

H7RICAT

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	10.	10)
	III	

404C Clear Specular Reflector, White Trim



404H Haze Reflector, White Trim



404SN Satin Nickel Reflector, Satin Nickel Trim



404TBZ Tuscan Bronze Reflector, Tuscan Bronze Trim

Friction Clips install on housing plaster ring



Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

426 Reflector Cone

- Accepts a wide variety of lamps
- Coil spring retention
- · Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Housing	ıs	Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L,
H7ICAT	H7RICAT	65W BR30, 75W R30, 85W BR40
E7ICAT	E7RICAT	50W PAR30S, 75W PAR30L, 45W PAR38, 65W BR30, 85W BR40





Clear Specular Reflector Cone, White Trim





Black Specular Reflector Cone, White Trim



Haze Reflector Cone. White Trim



Satin Nickel Reflector Cone, Satin Nickel Trim



Tuscan Bronze Reflector Cone, Tuscan Bronze Trim



H930 (H7 Housings ONLY) PAR lamp aiming accessory for 310 and 426 trims. Allows 30° tilt and 358° rotation, 50W PAR30.



Dimensions** H: 2-5/8" [67mm] OD: 7-1/4" [184mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Housings: H7ICT • H7ICAT • H7RICT • H7RICAT • E7ICAT • E7RICAT

429 Dayform White Cone

- · Contoured sides shield interior view of housing
- · Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L,
H7ICAT	H7RICAT	65W BR30, 75W R30
E7ICAT	E7RICAT	50W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



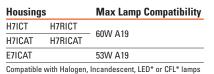
White Reflector, White Self-flange



Dimensions** H: 3" [76mm] OD: 7-1/4" [184mm]

4041 White Reflector, Self-flange

- Self-flange full reflector for use with A-lamps
- · Friction clip retention on housing plaster ring
- · Accessories available: OT403 oversize trim ring
- · Socket supporting reflector





White Reflector, White Self-flange





Dimensions** H: 5-1/4" [133mm] OD: 7-1/4" [184mm]

4261 White Reflector Cone, Self-flange

- Self-flange reflector cone for use with R and PAR lamps
- · Coil spring retention

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L,
H7ICAT	H7RICAT	45W PAR38, 75W R30, 85W BR40
E7ICAT	E7RICAT	50W PAR30S, 75W PAR30L, 45W PAR38, 65W BR30, 85W BR40
Camanatiki	a code Halana	- Id FD* CFI * I

Compatible with Halogen, Incandescent, LED* or CFL* lamps



4261P

White Reflector, White Self-flange



Dimensions** H: 2-5/8" [67mm] OD: 7-1/4" [184mm]

6106 Straight Reflector Cone, Self-flange

- Straight sides of cone reflector for large diameter BR40 and PAR38, as well as BR30 and PAR30 lamps
- Self-flange reflector cone
- Coil spring retention
- · Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L,
H7ICAT	H7RICAT	45W PAR38, 65W BR30,
E7ICAT	E7RICAT	40W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6106SC Specular Clear Reflector, White Self-flange



Dimensions** A: 5-3/8" [137mm] H: 2-5/8" [68mm] OD: 7-3/4" [197mm]

6107 Tapered Reflector, Self-flange

- Self-flange reflector cone
- Contoured tapered sides of cone reflector for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	
H7ICAT	H7RICAT	50W PAR30S, 75W PAR30L, 65W BR30, 85W BR40
E7ICAT	E7RICAT	0311 D1100, 0311 D1140

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6107SC Specular Clear Reflector, White Self-flange



Dimensions** A: 5-3/8" [137mm] H: 2-5/8" [65mm] OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Housings: H7ICT • H7ICAT • H7RICT • H7RICAT • E7ICAT • E7RICAT

6120 Full Cone Reflector, Self-flange

- · Full cone reflector
- Torsion spring retention
- Socket supporting reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- Makes installation Air-Tite regardless of housing used

Housings		Max Lamp Compatibility
H7ICT	H7RICT	6120WH : 43W A19, 75W PAR30S,75W PAR30L, 65W
H7ICAT	H7RICAT	PAR38, 65W BR30, 70W BR40 6120SN, 6120TBZ: 43W A19, 60W PAR30S.
E7ICAT	E7RICAT	75W PAR30L, 65W PAR38, 65W BR30, 70W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6120WH White Reflector, White Self-flange



6120SN Satin Nickel Reflector, Satin Nickel Self-flange



6120TBZ Tuscan Bonze Reflector, Tuscan Bronze Self-flange



Dimensions** A: 5-3/8" [137mm] H: 5-3/8" [138mm] OD: 7-3/4" [197mm]

6121 Shallow Full Cone Reflector, Self-flange

- Shallow full cone reflector
- Torsion spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	4014/ 440 EE14/ D4 D000
H7ICAT	H7RICAT	43W A19, 75W PAR30S, 75W PAR30L, 65W BR30
E7ICAT	E7RICAT	73VV I AIISOL, 03VV DIISO

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6121WH White Reflector, White Self-flange



Dimensions** A: 5-3/8" [137mm] H: 4-3/8" [110mm] OD: 7-3/4" [197mm]

30 Baffle, Self-flange

- Self-flange metal baffle with upper reflector
- Socket supporting baffle
- · Torsion spring retention
- Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used

Housings		Max Lamp Compatibility
H7ICT	H7RICT	40W A19, 75W PAR30S, 75W
H7ICAT	H7RICAT	PAR30L, 65W PAR38, 65W BR30, 90W BR40, 75W R30
E7ICAT	E7RICAT	30WAT, 30WATH, 30PAT: 40W A19, 75W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40 30SNAT, 30TBZAT: 40W A19, 60W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Baffle & Reflector, White Trim



30WAT



30WATH White Trim



30PAT White Baffle & Clear Reflector, Black Baffle & Clear Reflector, White Trim



Satin Nickel Baffle & Reflector, Satin Nickel Trim



30TBZAT Tuscan Bronze Baffle & Reflector, Tuscan Bronze Trim



Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Housings: H7ICT • H7ICAT • H7RICT • H7RICAT • E7ICAT • E7RICAT

310 Coilex® Baffle

- Black or white phenolic Coilex baffle with white metal trim ring
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- · Coil spring retention

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L,
H7ICAT	H7RICAT	45W PAR38, 65W BR30,
		75W R30, 85W BR40
		50W PAR30S, 75W PAR30L,
E7ICAT	E7RICAT	45W PAR38, 65W BR30,
		85W BR40
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Compatible with Halogen, Incandescent, LED* or CFL* lamps





310SN White Coilex Baffle, White Trim Black Coilex Baffle, White Trim Satin Nickel Coilex Baffle,

Satin Nickel Trim



Tuscan Bronze Coilex Baffle, Tuscan Bronze Trim



H930 (H7 Housings ONLY) PAR lamp aiming accessory for 310 and 426 trims. Allows 30° tilt and 358° rotation. 50W PAR30.



Dimensions** H: 3-1/16" [78mm] OD: 7-1/4" [184mm]

353 Metal Baffle

- · Metallic finish trim rings and baffles
- · Coil spring retention
- · Removable trim ring

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L,
H7ICAT	H7RICAT	65W BR30, 75W R30
E7ICAT	E7RICAT	50W PAR30S,75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Satin Nickel Baffle, Satin Nickel Trim



Tuscan Bronze Baffle, Tuscan Bronze Trim



Dimensions** H: 3" [76mm] OD: 7-1/4" [184mm]

6100 Tapered Metal Baffle with (2) Trim Rings

- · Contoured tapered sides of metal baffle
- Two plastic removable trim rings included narrow 7.25"OD and wide oversized 8.00"OD
- · Coil spring retention

Housings		Max Lamp Compatibility
H7ICT	H7RICT	E014/ DA D000 - EE14/ DA D001
H7ICAT	H7RICAT	50W PAR30S, 75W PAR30L, 65W BR30, 85W BR40
E7ICAT	E7RICAT	0300 0100, 0300 01140

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6100WB White Baffle, Narrow & Wide White Trims (Included)



6100BB Black Baffle, Narrow & Wide White Trims (Included)



Dimensions** A: 5-3/4" [148mm] H: 2-7/8" [74mm] OD: 7-1/4" [184mm] Narrow OD: 8" [203mm] Wide

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^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Housings: H7ICT • H7ICAT • H7RICT • H7RICAT • E7ICAT • E7RICAT

6101 Straight Metal Baffle with (2) Trim Rings

- Straight sides of metal baffle for large diameter lamps
- Two plastic removable trim rings included narrow 7.25" OD and wide 8.00" OD
- Coil spring retention

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L,
H7ICAT	H7RICAT	45W PAR38, 65W BR30,
E7ICAT	E7RICAT	40W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Baffle, Narrow & Wide White Trim (Included)



6101BB Black Baffle, Narrow & Wide White Trim (Included)



Dimensions** A: 5-5/8" [144mm] H: 2-5/8" [66mm] OD: 7-1/4" [184mm] Narrow OD: 8" [203mm] Wide

6102 Tapered Metal Baffle, Self-flange

- · Contoured tapered sides of metal baffle
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	5014/ D4 D000 3514/ D4 D001
H7ICAT	H7RICAT	50W PAR30S, 75W PAR30L, 65W BR30, 85W BR40
E7ICAT	E7RICAT	OUV BROO, OUV BRIO

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6102WB 6102BB

White Baffle, White Self-flange Black Baffle, White Self-flange



Dimensions** A: 5-3/8" [137mm] H: 2-5/8" [65mm] OD: 7-3/4" [197mm]

6103 Straight Metal Baffle, Self-flange

- Straight sides of metal baffle for large diameter lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L,
H7ICAT	H7RICAT	45W PAR38, 65W BR30,
E7ICAT	E7RICAT	40W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6103WB

White Baffle, White Self-flange Black Baffle, White Self-flange



Dimensions**

A: 5-3/8" [137mm] H: 2-5/8" [68mm] OD: 7-3/4" [197mm]

6108 Coilex® Straight Plastic Baffle, Self-flange

- Straight sides of Coilex baffle for large diameter lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	39W PAR30S, 75W PAR30L,
H7ICAT	H7RICAT	45W PAR38, 65W BR30,
E7ICAT	E7RICAT	40W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Plastic Straight Coilex Baffle, White Self-flange



Black Plastic Straight Coilex Baffle, White Self-flange



6108BKBB

Black Plastic Straight Coilex Baffle, Black Self-flange



Dimensions**

A: 5-3/8" [137mm] H: 2-5/8" [68mm] OD: 7-3/4" [197mm]

6109 Coilex® Tapered Baffle, Self-flange

- · Contoured tapered sides of Coilex baffle
- · Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L,
H7ICAT	H7RICAT	45W PAR38, 65W BR30,
E7ICAT	E7RICAT	85W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6109WB

White Plastic Tapered Coilex Baffle, White Self-flange



6109BB

Black Plastic Tapered Coilex Baffle, White Self-flange



6109BKBB

Black Plastic Tapered Coilex Baffle, Black Self-flange



Dimensions** A: 5-3/8" [137mm]

H: 2-5/8" [65mm] OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Housings: H7ICT • H7ICAT • H7RICT • H7RICAT • E7ICAT • E7RICAT

6110 Perftex™ Baffle, Self-flange

- · Perforated pattern baffle contoured for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	FOLAL DA DOGG. GOLAL DA DOGI
H7ICAT	H7RICAT	50W PAR30S, 60W PAR30L, 65W BR30
E7ICAT	E7RICAT	COVV DIIOO

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6110WB White Perftex Baffle, White Self-flange



Black Perftex Baffle, White Self-flange



6110BKBB Black Perftex Baffle, Black Self-flange



Dimensions** A: 6-5/8" [169mm] H: 2-1/8" [54mm] OD: 7-3/4" [197mm]

6125 Full Cone Baffle, Self-flange

- · Full cone baffle
- · Torsion spring retention
- · Socket supporting baffle
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	6125WB : 43W A19, 75W PAR30S, 75W PAR30L, 65W
H7ICAT	H7RICAT	PAR38, 65W BR30, 90W BR40 6125BB, 6125BKBB: 43W A19, 75W PAR30S,
E7ICAT	E7RICAT	75W PAR30L, 65W PAR38, 65W BR30, 85W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6125WB 6125BB



6125BKBB White Baffle, White Self-flange Black Baffle, White Self-flange Black Baffle, Black Self-flange



Dimensions** A: 5-3/8" [137mm] H: 5-3/8" [138mm] OD: 7-3/4" [197mm]

6126 Shallow Full Cone Baffle, Self-flange

- · Shallow full cone baffle
- Torsion spring retention
- · Socket supporting baffle
- · Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	4014/ 4.40 TENA/ DA DOGO
H7ICAT	H7RICAT	43W A19, 75W PAR30S, 75W PAR30L, 65W BR30
E7ICAT	E7RICAT	73VV I AIIOUL, USVV DIIOU

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6126BB White Baffle, White Self-flange Black Baffle, White Self-flange



Dimensions** A: 5-3/8" [137mm] H: 4-3/8" [110mm] OD: 7-3/4" [197mm]

Adjustable – Eyeballs & Gimbals · · · · · · · · · ·

74 Eyeball 30° Tilt, Self-flange

- Provides optimum position for PAR30S lamps
- · Torsion spring retention
- · Socket supporting eyeball

Housings		Max Lamp Compatibility
H7ICT	H7RICT	
H7ICAT	H7RICAT	75W PAR30S
F7ICΔT	F7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps





Dimensions** A: 3-7/8" [98mm] OD: 8" [203mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp. **Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter Specifications, compliances and dimensions subject to change without notice

IC Housings: H7ICT • H7ICAT • H7RICT • H7RICAT • E7ICAT • E7RICAT

76 Gimbal 30°Tilt, Self-flange

- For use with PAR38 lamps
- 30° tilt

E7ICAT

Torsion spring retention

E7RICAT





Dimensions** OD: 8" [203mm]

Housings		Max Lamp Compatibility
H7ICT	H7RICT	
H7ICAT	H7RICAT	45W PAR38

Compatible with Halogen, Incandescent, LED* or CFL* lamps

78 Eyeball 30° Tilt, Self-flange

- 30° tilt, 360° rotation
- · Torsion spring retention
- Wide choice of finishes for any decor
- Socket supporting eyeball
- 78PAT makes installation Air-Tite regardless of housing used

Housings		Max Lamp Compatibility
H7ICT	H7RICT	75W PAR30S, 75W PAR30L,
H7ICAT	H7RICAT	65W BR30, 75W R30
E7ICAT	E7RICAT	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Eyeball, White Trim



White Eyeball, White Trim air 🎎



Satin Nickel Eyeball, Satin Nickel Trim



Tuscan Bronze Eyeball, Tuscan Bronze Trim



376 Regressed Gimbal 30°Tilt, Self-flange

- 30° tilt
- · Regressed gimbal with baffle
- Torsion spring retention
- · Socket supporting gimbal



376W White Baffle, White Trim



376P Black Baffle, White Trim



Dimensions** OD: 7-1/4" [184mm]

H7ICT	H7RICT	
H7ICAT	H7RICAT	50W PAR30S, 50W PAR30L
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

378 Regressed Gimbal with Splay 25° Tilt, Self-flange

Max Lamp Compatibility

- 25° tilt
- · Regressed gimbal with splay trim
- · Removable trim ring
- · Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- · Friction clips on trim
- · Socket supporting gimbal



White Splay, White Trim

Friction Clips on Trim



Clear Specular Splay, White Trim



Dimensions** OD: 7-1/4" [184mm]



Compatible with Halogen, Incandescent, LED* or CFL* lamps 420 Regressed Eyeball 30° Tilt, Self-flange

- · Regressed eyeball with baffle splay
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Socket supporting eyeball

Housings		Max Lamp Compatibility
H7ICT	H7RICT	
H7ICAT	H7RICAT	50W PAR30S, 50W PAR30L, 60W BR30
E7ICAT	E7RICAT	OUVV DIISO

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Eyeball & Baffle,

White Trim



White Eyeball & Black Baffle, White Trim



Dimensions** A: 4" [100mm] H: 4" [102mm] OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Housings: H7ICT • H7ICAT • H7RICT • H7RICAT • E7ICAT • E7RICAT

478 Adjustable Regressed Gimbal with Splay 25° Tilt, Self-flange

- · Adjustable gimbal with splay trim for PAR38 lamps
- · Removable trim ring
- · Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- · Friction clips on trim
- · Socket supporting gimbal

Housing	js	Max Lamp Compatibility
H7ICT	H7RICT	
H7ICAT	H7RICAT	45W PAR38
E7ICAT	E7RICAT	
Compatible with Halogen, Incandescent, LED* or CFL* lamps		

478P White Splay, White Trim





Dimensions** OD: 7-1/4" [184mm]

6130 Eyeball 35° Tilt, Self-flange

- 35° tilt, 360° rotation
- · Adjustable eyeball trim for BR30 and PAR30 lamps
- · Torsion spring retention
- · Socket supporting eyeball
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	5014/ DA DOGO - 5514/ DA DOGO
H7ICAT	H7RICAT	50W PAR30S, 75W PAR30L, 65W BR30
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6130WH White Eyeball, White Self-flange



Dimensions** A: 3-7/8" [100mm] H: 3-7/8" [100mm] OD: 7-3/4" [197mm]

6170 Gimbal 25°Tilt, Self-flange

- 25° tilt, 360° rotation
- · Adjustable gimbal for PAR38 lamps
- · Torsion spring retention
- · Socket supporting gimbal
- · Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	
H7ICAT	H7RICAT	45W PAR38
E7ICAT	E7RICAT	
Compatible with Halogen, Incandescent, LED* or CFL* lamps		



6170WH White Gimbal. White Self-flange

6215WH

White Gimbal,

White Self-flange



6170BK Black Gimbal Black Self-flange



6170SN Satin Nickel Gimbal. Satin Nickel Self-flange



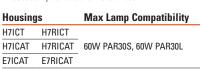
6170TBZ Tuscan Bronze Gimbal Tuscan Bronze Self-flange



Dimensions** A: 4-1/2" [113mm] H: 1-1/8" [30mm] OD: 7-3/4" [197mm]

6215 Double Gimbal 30°-50° Tilt, Self-flange

- 30°-50° tilt, 360° rotation
- 50° tilt with double gimbal design using compound angles
- Double gimbal for PAR30 lamps
- Torsion spring retention
- Shallow housings are compatible with PAR30S (short-neck) lamps
- Socket supporting gimbal
- Self-flange trim ring sized to hide gaps caused by construction tolerances



Compatible with Halogen, Incandescent, LED* or CFL* lamps



6215BK Black Gimbal, Black Self-flange



Satin Nickel Gimbal. Satin Nickel Self-flange



Tuscan Bronze Gimbal, Tuscan Bronze Self-flange



Dimensions** A: 3-3/8" [84mm] H: 2" [51mm] OD: 7-3/4" [197mm]

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^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Housings: H7ICT • H7ICAT • H7RICT • H7RICAT • E7ICAT • E7RICAT

6222 Regressed Angle Cut Adjustable Gimbal, 45°Tilt, Self-flange

- 45° tilt, 360° rotation
- Fully regressed gimbal self-flange ring
- · Torsion spring retention
- Socket supporting gimbal
- Reflector and baffle options
- · Accommodates tilt of gimbal in a full regressed cut cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances







White Baffle, White Trim



Black Baffle, White Trim





Specular Clear Reflector White Trim

Haze Reflector, White Trim



Dimensions** A: 3-3/4" [95mm] H: 5-3/8" [137mm] OD: 7-3/4" [197mm]

Lenses & Wet Location Showerlights

170 Albalite Lens with Reflector

- White trim with Albalite glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- · PS version is Air-Tite; making any installation Air-Tite

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	40W A19
H7RICT	H7RICAT	40VV A19
E7ICAT	E7RICAT	29W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps



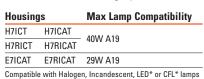
Albalite Lens, Polymer White Trim



Dimensions** H: 4" [102mm] OD: 8" [203mm]

171 Drop Opal Glass Lens with Reflector

- · White trim with drop opal glass lens
- · PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- · PS version is Air-Tite; making any installation Air-Tite





Drop Opal Lens, White Trim

Albalite Lens, White Trim



Drop Opal Lens, White Polymer Trim





Dimensions** H: 4" [102mm] OD: 8" [203mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

172 Dome Glass Lens with Reflector



- · Features "dead-front" construction and is wet location listed for use in showers
- · Non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- Torsion spring retention
- · Air-Tite trim makes any installation Air-Tite

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	60W A19, 50W PAR30S
H7RICT	H7RICAT	60VV A19, 50VV PAR305
E7ICAT	E7RICAT	172PS: 53W A19, 50W PAR30S 172SNS, 172TBZS:
		43W A19, 50W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps



172PS Frosted Glass Dome,

White Polymer Trim



172TBZS Frosted Glass Dome, Tuscan Bronze Polymer Trim



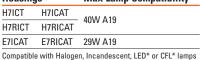
Dimensions** H: 2-1/8" [54mm] OD: 7-3/4" [197mm]



173 Fresnel Lens with Reflector

- · White trim with glass Fresnel lens
- · PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- · Torsion spring retention
- · PS version is Air-Tite; making any installation Air-Tite

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	40W A19
H7RICT	H7RICAT	40VV A13
E7ICAT	E7RICAT	29W A19





Fresnel Lens, White Trim



173PS Fresnel Lens, White Polymer Trim





Dimensions** H: 4" [102mm] OD: 8" [203mm]



6145 Open Wet Location, Shallow Reflector, Self-flange

- Open wet location shallow Showerlight for PAR30 and PAR38 outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	7514/ DA DOGO 7514/ DA DOGI
H7RICT	H7RICAT	75W PAR30S, 75W PAR30L, 80W PAR38
E7ICAT	E7RICAT	OUV I AIIOO

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6145WH White Shallow Reflector, White Self-flange

Outdoor Rated Lamp ONLY



6145SN Satin Nickel Shallow Reflector,

Satin Nickel Self-flange

Lamp Gasket (Included)



6145TBZ

Tuscan Bronze Shallow Reflector, Tuscan Bronze Self-flange



Dimensions**

A: 5-3/8" [136mm] D: 7/8" [22mm] H: 4-7/8" [123mm] OD: 7-3/4" [197mm]

6146 Open Wet Location, Full Reflector Self-flange

- Open wet location Showerlight for PAR30 and PAR38 outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	6146WH: 75W PAR30S,
H7RICT	H7RICAT	75W PAR30L, 65W PAR38
E7ICAT	E7RICAT	6146SN, 6146TBZ: 60W PAR30S, 75W PAR30L, 65W PAR38
Compatibl	e with Haloge	n, Incandescent, LED* or CFL* lamps



6146WH White Reflector, White Self-flange

Rated Lamp ONLY



6146SN Satin Nickel Reflector, Satin Nickel Self-flange





Tuscan Bronze Reflector, Tuscan Bronze Self-flange



Dimensions** A: 5-3/8" [137mm] H: 5-3/8" [138mm] OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Housings: H7ICT • H7ICAT • H7RICT • H7RICAT • E7ICAT • E7RICAT

6150 Low Profile, Frosted Glass Dome Lens, Self-flange



- · Low profile, frosted glass dome lens
- · Wet location Showerlight
- · Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- · Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	
H7RICT	H7RICAT	29W A19, 39W PAR30S
E7ICAT	E7RICAT	
Compatibl	e with Haloge	n, Incandescent, LED* or CFL* lamps



6150WH

Frosted Glass Dome Lens

with Reflector, White

Plastic Self-flange

6150SN Frosted Glass Dome Lens

with Reflector, Satin Nickel

Plastic Self-flange



Dimensions** A: 5-1/8" [130mm]

Frosted Glass Dome Lens with Reflector, Tuscan Bronze H: 4-1/5" [107mm] Plastic Self-flange OD: 7-3/4" [197mm]

6162 Drop Opal Plastic Lens, Self-flange

- Wet location Showerlight
- Non-conductive "dead-front" polymer (plastic) trim and plastic lens
- Torsion spring retention
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances



Drop Opal Plastic Lens with Reflector, Frosted Plastic Self-flange



Dimensions** A: 5-1/8" [130mm] H: 4-3/4" [122mm]

OD: 7-3/4" [197mm]

nousiliys		wax ramb combanni
H7ICT	H7ICAT	
H7RICT	H7RICAT	29W A19
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6230 Squircle Frost Glass Lens, Metal Trim, Self-flange

- · Low profile frost glass lens
- · Wet location Showerlight

H7ICAT

E7RICAT

Torsion spring retention

Housings

H7ICT

H7RICT

E7ICAT

- Self-flange low profile metal trim ring
- Socket supporting internal bracket
- Integral rotation adjustment up to +/- 25° for precise alignment with room

H7RICAT 29W A19, 39W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps







6230PN Frost Glass Lens, Polished Nickel Squircle Trim



6230SN Frost Glass Lens, Satin Nickel Squircle Trim



Dimensions** A: 6" [152mm] H: 4-1/4" [109mm]

D: 3/4" [20mm] OD: 7-1/4" [185mm]

6255 Soft Square, Frost Curved Glass Lens, Self-flange

Max Lamp Compatibility

- · Low profile curved frost glass lens
- · Wet location Showerlight
- Torsion spring retention
- · Integral adjustment up to 90° for precise alignment to room
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Integral rotation adjustment up to +/-25° for precise alignment with room
- Integrated socket supporting reflector for even illumination across lens corner-to-corner







6255SN Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange



6255TBZ Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions* A: 5-7/8" [149mm] D: 1" [25mm] H: 4-1/2" [114mm] OD: 7-5/8" [194mm]

Housings Max Lamp Compatibility

H7IC1	H7ICAI	
H7RICT	H7RICAT	29W A19, 39W PAR30S
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Housings: H7ICT • H7ICAT • H7RICT • H7RICAT • E7ICAT • E7RICAT

Open, Splay & Wall Wash ·

300 Open Trim with Fixed Socket Bracket

- Open trim for BR30 and PAR30 lamps
- · Torsion spring retention
- · Socket supporting internal bracket

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	75W PAR30S, 75W PAR30L
H7RICT	H7RICAT	65W BR30
E7ICAT	E7RICAT	300P : 75W PAR30S, 75W PAR30L, 65W BR30 300SN, 300TBZ : 60W PAR30S, 60W PAR30L, 50W BR30
Compatible with Halogen, Incandescent, LED* or CFL* lamps		



Socket Bracket with

White Open Trim



Socket Bracket with

Satin Nickel Open Trim





Tuscan Bronze Open Trim



Dimensions** A: 4-3/4" [122mm] H: 4-3/4" [122mm] OD: 7-1/4" [184mm]

327 White Splay Trim with Fixed Socket Bracket

- Splay trim for BR30 and PAR30 lamps
- · Torsion spring retention
- · Socket supporting internal bracket

Housing	js –	Max Lamp Compatibility
H7ICT	H7ICAT	7514/ DA DOGO 7514/ DA DOGI
H7RICT	H7RICAT	75W PAR30S, 75W PAR30L, 65W BR30
E7ICAT	E7RICAT	0300 01130
Compatibl	e with Haloge	n, Incandescent, LED* or CFL* lamps



White Splay Trim with Socket Bracket



Dimensions** H: 4-1/2" [114mm] OD: 7-3/4" [197mm]

328 White Splay Trim

- · Splay trim for BR30 and PAR30 lamps
- · Coil spring retention

Housing	js	Max Lamp Compatibility
H7ICT	H7ICAT	50W PAR30S, 75W PAR30L
H7RICT	H7RICAT	65W BR30, 75W R30
E7ICAT	E7RICAT	50W PAR30S, 75W PAR30L, 65W BR30
Compatible	e with Haloge	n, Incandescent, LED* or CFL* lamps





Dimensions** H: 3-7/8" [98mm] OD: 7-3/4" [197mm]

430 Wall Wash with Baffle & Full Reflector

- · Black or white step baffle with full reflector
- · Designed to spread light close to the ceiling to eliminate the "cave effect"
- Torsion spring retention
- · Makes installation Air-Tite regardless of housing used

Housing	js	Max Lamp Compatibility
H7ICT	H7ICAT	40W A19
H7RICT	H7RICAT	40VV A19
E7ICAT	E7RICAT	29W A19
Compatible	e with Haloge	n, Incandescent, LED* or CFL* lamps



White Baffle, White Trim Black Baffle, White Trim



Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

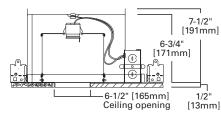
^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

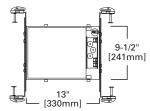
H7UICAT



6" IC, Air-Tite, New Construction Universal Housing, 120V

The H7UICAT universal housing is designed to support the use of higher wattage lamps than single wall housings (depending upon the trim). The H7 recessed housing is the standard in the industry for both light commercial and residential applications. H7 series features full-frame design, robust construction, feed-through listing, and Got Nail! bar hangers. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. H7UICAT is for installations where the housing will be in direct contact with insulation,* and its Air-Tite design will also meet restricted air flow code requirements. May be retrofit with compatible Halo LED lighting systems.











Special Features

Got Nail!™ bar hangers Pass-N-Thru™ bars Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

30	171	378	4041	6109	6150
70	172	404	4261	6120	6160
71	173	419	6100	6121	6162
73	300	420	6101	6125	6215
74	310	424	6102	6126	6222
76	328	425	6103	6130	6230
78	353	426	6106	6145	6255
79	376	429	6107	6146	30SBAT
170		430	6108		



US Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- Double wall aluminum construction for greater heat dissipation, and support of higher wattage lamps
- The inner housing can be removed from plaster frame for junction box access
- Pre-installed Air-Tite ready ceiling contact gasket
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)
- Sealed and gasketed for Air-Tite ready installation

Socket Plate

- Fixed socket position maintains consistent lamp position
- The socket can be detached from the inner housing for use with socket supporting trims

Plaster Frame

Housing adjusts in plaster frame 1-3/8" to accommodate different ceiling thicknesses. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- Halo name embossed on plaster frame

Includes:

- Got Nail![™] bar hangers (Details Pg. 13)
- Pass-N-Thru[™] bars (Details Pg. 7)
- Slide-N-Side[™] junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

Socket

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

IC Housing: H7UICAT

Reflectors

30 Reflector, Self-flange

- · Self-flange reflector with torsion spring retention
- · Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used
- Socket supporting reflector

Housing	Max Lamp Compatibility
H7UICAT	100W A19, 75W PAR30S, 75W PAR30L, 100W PAR38, 85W BR30, 100W R30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



30HAT Haze Reflector, White Trim



30RGAT Residential Gold Reflector, White Trim



30CAT Clear Specular Reflector, White Trim



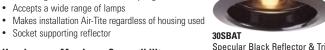
Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

30SBAT Reflector, Self-flange

- Self-flange reflector with torsion spring retention

Compatible with Halogen, Incandescent, LED* or CFL* lamps

H7UICAT





60W A19, 75W PAR30S, 75W PAR30L,

75W PAR38, 85W BR30, 100W R30



Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

404 Specular Reflector

- · Full reflector for use with A-lamps
- Friction clip retention on housing plaster ring
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Socket supporting reflector





Clear Reflector, White Trim

Friction Clips install on housing plaster ring



Haze Reflector, White Trim



404SN Satin Nickel Reflector, Satin Nickel Trim



404TBZ Tuscan Bronze Reflector, Tuscan Bronze Trim

Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

426 Reflector Cone

- · Accepts a wide variety of lamps
- · Coil spring retention
- · Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring



75W PAR30S, 75W PAR30L, 100W H7UICAT PAR38, 85W BR30, 100W R30, 100W R40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Clear Specular Reflector Cone, White Trim



Black Specular Reflector Cone, White Trim



426H Haze Reflector Cone, White Trim



Satin Nickel Reflector Cone, Satin Nickel Trim



Dimensions** H: 2-5/8" [67mm] OD: 7-1/4" [184mm]



426TBZ Tuscan Bronze Reflector Cone, Tuscan Bronze Trim



^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Housing: H7UICAT

429 Dayform White Cone, Self-flange

- · Contoured sides shield interior view of housing
- · Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 90W PAR38, 65W BR30, 90W BR40, 75W R30, 100W R40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



429P

White Reflector, White Self-flange



Dimensions**
H: 3" [76mm]

H: 3" [76mm] OD: 7-1/4" [184mm]

4041 White Reflector, Self-flange

- · Self-flange reflector for use with A-lamps
- · Friction clip retention on housing plaster ring
- · Accessories available: OT403 oversize trim ring
- · Socket supporting reflector

Housing	Max Lamp Compatibility
H7UICAT	100W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps



4041P White Reflector, White Self-flange



Friction Clips install on housing plaster ring



Dimensions** H: 5-1/4" [133mm] OD: 7-1/4" [184mm]

4261 White Reflector Cone, Self-flange

- Self-flange reflector cone for use with R and PAR lamps
- · Coil spring retention

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 100W PAR38, 85W BR30, 90W BR40, 100W R30, 100W R40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



4261P

White Reflector, White Self-flange



Dimensions** H: 2-5/8" [67mm] OD: 7-1/4" [184mm]

6106 Straight Reflector Cone, Self-flange

- Straight sides of cone reflector for large diameter BR40 and PAR38, as well as BR30 and PAR30 lamps
- Self-flange reflector cone
- Coil spring retention
- Slightly oversized ring expands coverage of ceiling gaps and cut-out errors

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 90W PAR38, 65W BR30, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6106SC Specular Clear Reflector, White Self-flange



Dimensions** A: 5-3/8" [137mm] H: 2-5/8" [68mm] OD: 7-3/4" [197mm]

6107 Tapered Reflector, Self-flange

- · Self-flange reflector cone
- Contoured tapered sides of cone reflector for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 65W BR30
Compatible v	vith Halogen, Incandescent, LED* or CFL* lamps



6107SCSpecular Clear Reflector,
White Self-flange



Dimensions**A: 5-3/8" [137mm]
H: 2-5/8" [65mm]
OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Housing: H7UICAT

6120 Full Cone Reflector, Self-flange



- Torsion spring retention
- Socket supporting reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- Makes installation Air-Tite regardless of housing used

Max Lamp Compatibility Housing

72W A19, 75W PAR30S, 75W PAR30L, H7UICAT 85W BR30, 90W PAR38, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6120WH White Reflector, White

Self-flange



6120SN Satin Nickel Reflector, Satin Nickel Self-flange



6120TBZ Tuscan Bonze Reflector, Tuscan Bronze Self-flange



Dimensions** A: 5-3/8" [137mm] H: 5-3/8" [138mm] OD: 7-3/4" [197mm]

6121 Shallow Full Cone Reflector, Self-flange

- Shallow full cone reflector
- Torsion spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances



6121WH

White Reflector, White Self-flange



Dimensions** A: 5-3/8" [137mm] H: 4-3/8" [110mm] OD: 7-3/4" [197mm]

Housing Max Lamp Compatibility

72W A19, 75W PAR30S, H7UICAT 75W PAR30L, 85W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

Baffles·····

30 Baffle, Self-flange

- Self-flange metal baffle, with upper reflector
- Socket supporting baffle
- Torsion spring retention
- · Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used

Housing **Max Lamp Compatibility**

75W A19, 75W PAR30S, 75W PAR30L, H7UICAT 100W PAR38, 85W BR30, 100W R30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



30WAT

30TBZAT

White Baffle & Reflector, White Trim

Tuscan Bronze Baffle & Reflector, Tuscan Bronze Trim



30WATH

White Baffle & Clear Reflector, White Trim



30PAT

Black Baffle & Clear Reflector, White Trim



30SNAT

Satin Nickel Baffle & Reflector, Satin Nickel Trim



Dimensions** H: 5" [127mm]

OD: 7-1/4" [184mm]

310 Coilex® Baffle

- Black or white phenolic Coilex baffle with white metal trim ring
- · Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- · Coil spring retention

Max Lamp Compatibility Housing

75W PAR30S, 75W PAR30L, H7UICAT 90W PAR38, 65W BR30, 90W BR40, 75W R30, 100W R40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



310W

White Coilex Baffle, White Trim



Black Coilex Baffle, White Trim



Satin Nickel Coilex Baffle, Satin Nickel Trim



Tuscan Bronze Coilex Baffle, Tuscan Bronze Trim



Dimensions** H: 3-1/16" [78mm]

OD: 7-1/4" [184mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter Specifications, compliances and dimensions subject to change without notice

IC Housing: H7UICAT

353 Metal Baffle

- · Metallic finish trim rings and baffles
- · Coil spring retention
- · Removable trim ring

Housing Max Lamp Compatibility

H7UICAT 90W PA

75W PAR30S, 75W PAR30L, 90W PAR38, 65W BR30, 90W BR40, 75W R30, 100W R40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



353SN

Satin Nickel Baffle, Satin Nickel Trim



353TBZ

Tuscan Bronze Baffle, Tuscan Bronze Trim



Dimensions** H: 3" [76mm] OD: 7-1/4" [184mm]

6100 Tapered Metal Baffle with (2) Trim Rings

- Contoured tapered sides of metal baffle for BR30 and PAR30 lamps
- Two plastic removable trim rings included narrow 7.25" OD and wide oversized 8.00" OD
- · Coil spring retention

Housing Max Lamp Compatibility

H7UICAT 75W PAR30S, 75W PAR30L, 65W BR30, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6100WB White Baffle, Narrow & Wide White Trims (Included)



Black Baffle, Narrow & Wide White Trims (Included)



Dimensions**
A: 5-3/4" [148mm]
H: 2-7/8" [74mm]
OD: 7-1/4" [184mm] Narrow
OD: 8" [203mm] Wide

6101 Straight Metal Baffle with (2) Trim Rings

- Straight sides of metal baffle for large diameter lamps
- Two plastic removable trim rings included narrow 7.25" OD and wide 8.00" OD
- · Coil spring retention

Housing Max Lamp Compatibility

H7UICAT 75W PAR30S, 75W PAR30L, 90W PAR38, 65W BR30, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6101WB White Baffle, Narrow & Wide White Trim (Included)



6101BB Black Baffle, Narrow & Wide White Trim (Included)



Dimensions**
A: 5-5/8" [144mm]
H: 2-5/8" [66mm]
OD: 7-1/8" [184mm] Narrow
OD: 8" [203mm] Wide

6102 Tapered Metal Baffle, Self-flange

- · Contoured tapered sides of metal baffle
- · Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing Max Lamp Compatibility

H7UICAT

75W PAR30S, 75W PAR30L, 65W BR30, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps





Dimensions** A: 5-3/8" [137mm] H: 2-5/8" [65mm] OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Housing: H7UICAT

6103 Straight Metal Baffle, Self-flange

- Straight sides of metal baffle for large diameter lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing **Max Lamp Compatibility**

75W PAR30S, 75W PAR30L, H7UICAT 90W PAR38, 65W BR30, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps







White Baffle, White Self-flange Black Baffle, White Self-flange



Dimensions** A: 5-3/8" [137mm] H: 2-5/8" [68mm]

OD: 7-3/4" [197mm]

6108 Coilex® Straight Plastic Baffle, Self-flange

- Straight sides of Coilex baffle for large diameter BR30 and PAR30 lamps
- · Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing	Max Lamp Compatibility
H7UICAT	60W PAR30S, 75W PAR30L, 90W PAR38, 65W BR30, 70W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6108WB

White Plastic Straight Coilex Baffle, White Self-flange



6108BB

Black Plastic Straight Coilex Baffle, White Self-flange



6108BKBB

Black Plastic Straight Coilex Baffle, Black Self-flange



Dimensions**

A: 5-3/8" [137mm] H· 2-5/8" [68mm] OD: 7-3/4" [197mm]

6109 Coilex® Tapered Baffle, Self-flange

- Contoured tapered sides of Coilex baffle for BR30 and PAR30 lamps
- · Coil spring retention
- · Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing Max	
Η/ΙΙΙΙ'ΔΙ	PAR30S, 75W PAR30L, PAR38, 65W BR30, 85W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6109WB

White Plastic Tapered Coilex Baffle, White Self-flange



6109BB

Black Plastic Tapered Coilex Baffle, White Self-flange



6109BKBB

Black Plastic Tapered Coilex Baffle, Black Self-flange



Dimensions**

A: 5-3/8" [137mm] H: 2-5/8" [65mm] OD: 7-3/4" [197mm]

6125 Full Cone Baffle, Self-flange

- · Full cone baffle
- · Torsion spring retention
- Socket supporting baffle
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Max Lamp Compatibility Housing

72W A19, 75W PAR30S, 75W PAR30L, **H7UICAT** 85W BR30, 90W PAR38, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6125BKBB 6125WR 6125RR White Baffle, White Self-flange Black Baffle, White Self-flange Black Baffle, Black Self-flange



Dimensions** A: 5-3/8" [137mm]

H: 5-3/8" [138mm]

OD: 7-3/4" [197mm]

277

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Housing: H7UICAT

6126 Shallow Full Cone Baffle, Self-flange



- Shallow full cone baffle for A19 and PAR30 lamps
- Torsion spring retention
- Socket supporting baffle
- Self-flange trim ring sized to hide gaps caused by construction tolerances





Dimensions** A: 5-3/8" [137mm] H: 4-3/8" [110mm] OD: 7-3/4" [197mm]

Housing **Max Lamp Compatibility**

72W A19, 75W PAR30S, H7UICAT 75W PAR30L, 85W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

Adjustable – Eyeballs & Gimbals · · · · · ·

74 Eyeball 30° Tilt, Self-flange

- Provides optimum position for PAR30S lamps
- Torsion spring retention
- Socket supporting eyeball

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Eyeball, White Trim



Dimensions** A: 3-7/8" [98mm] OD: 8" [203mm]

76 Gimbal 30°Tilt, Self-flange

- · For use with PAR38 lamps
- 30° tilt
- Torsion spring retention

Housing	Max Lamp Compatibility
H7UICAT	45W PAR38

Compatible with Halogen, Incandescent, LED* or CFL* lamps

(Side prong lamp recommended)



White Gimbal, White Trim



Dimensions** OD: 8" [203mm]

78 Eyeball 30° Tilt, Self-flange

- 30° tilt, 360° rotation
- Torsion spring retention
- · Wide choice of finishes for any decor
- Socket supporting eyeball
- 78PAT makes installation Air-Tite regardless of housing used





White Eveball, White Trim



White Eyeball, White Trim air 💨



Satin Nickel Eveball. Satin Nickel Trim



Tuscan Bronze Eveball. Tuscan Bronze Trim



Dimensions** A: 4" [100mm] H: 4-1/8" [105mm] OD: 8" [203mm]

376 Regressed Gimbal 30° Tilt, Self-flange

- 30° tilt
- · Regressed gimbal with baffle
- Torsion spring retention
- Socket supporting gimbal

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



376W White Baffle, White Trim



376P Black Baffle, White Trim



Dimensions** OD: 7-1/4" [184mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Housing: H7UICAT

378 Regressed Gimbal with Splay 25° Tilt, Self-flange

- · Regressed gimbal with splay trim
- · Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- · Friction clips on trim
- · Socket supporting gimbal

Housing **Max Lamp Compatibility**

H7UICAT 75W PAR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Splay, White Trim



Specular Clear Splay, White Trim



Dimensions** OD: 7-1/4" [184mm]



419 Regressed Eyeball with Splay 25° Tilt

- · Regressed eyeball for use with splay
- · 25° Tilt, 358° rotation
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- · Removable trim ring
- · Socket supporting trim



419P

White Eyeball & Splay, White Trim



Dimensions** OD: 7-1/4" [184mm]

Housing Max Lamp Compatibility

H7UICAT 75W PAR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

420 Regressed Eyeball 30° Tilt, Self-flange

- Regressed eyeball with baffle
- · Removable trim ring

Housing

H7UICAT

- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- · Socket supporting eyeball



420W White Eveball & Baffle. White Trim



420P White Eyeball & Black Baffle, White Trim



Dimensions** A: 4" [100mm] H: 4" [102mm] OD: 7-1/4" [184mm]

6130 Eyeball 35° Tilt, Self-flange

Max Lamp Compatibility

Compatible with Halogen, Incandescent, LED* or CFL* lamps

75W PAR30S, 75W PAR30L, 65W BR30

- 35° tilt. 360° rotation
- Adjustable eyeball trim for BR30 and PAR30 lamps
- · Torsion spring retention
- · Socket supporting eyeball
- Self-flange trim ring sized to hide gaps caused by construction tolerances



6130WH White Eyeball, White Self-flange



Dimensions** A: 3-7/8" [100mm] H: 3-7/8" [100mm] OD: 7-3/4" [197mm]

Housing **Max Lamp Compatibility**

75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6215 Double Gimbal 30°-50° Tilt, Self-flange

- 30°-50° tilt, 360° rotation
- 50° tilt with double gimbal design using compound angles
- · Double gimbal for PAR30 lamps
- Torsion spring retention
- Shallow housings are compatible with PAR30 short-neck lamps
- · Socket supporting gimbal
- Self-flange trim ring sized to hide gaps caused by construction tolerances







6215WH White Gimbal White Self-flange



6215BK Black Gimbal Black Self-flange



Satin Nickel Gimbal Satin Nickel Self-flange



6215TBZ Tuscan Bronze Gimbal Tuscan Bronze Self-flange



Dimensions** A: 3-3/8" [84mm] H· 2" [51mm] OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter Specifications, compliances and dimensions subject to change without notice

IC Housing: H7UICAT

6222 Regressed Angle Cut Adjustable Gimbal, 45°Tilt, Self-flange

- 45° tilt, 360° rotation
- Fully regressed gimbal self-flange ring
- · Torsion spring retention
- Socket supporting gimbal
- Reflector and baffle options
- · Accommodates tilt of gimbal in a full regressed cut cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Max Lamp Compatibility H7UICAT 60W PAR30S, 75W PAR30L

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Baffle. White Trim



6222BB Black Baffle. White Trim



Specular Clear Reflector White Trim



6222H Haze Reflector, White Trim



Dimensions** A: 3-3/4" [95mm] H: 5-3/8" [137mm] OD: 7-3/4" [197mm]

Lenses & Wet Location Showerlights

70 Albalite Glass Lens

- · White trim, glass Albalite lens
- PS version features "dead-front" construction and is wet location listed for use in showers
- · PS version features non-conductive, non-corrosive polymer (plastic) trim ring
- Torsion spring retention

Max Lamp Compatibility Housing

H7UICAT 40W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Albalite Glass Lens, White Trim



70PS Albalite Glass Lens, White Polymer Trim, Wet Location



Dimensions** OD: 8" [203mm]

71 Drop Opal Glass Lens

- · White trim, drop opal glass lens
- PS version features "dead-front" construction and is wet location listed for use in showers
- PS version features non-conductive, non-corrosive polymer (plastic) trim ring
- Torsion spring retention

Max Lamp Compatibility Housing

H7UICAT 40W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Drop Opal Glass Lens, White Trim



Drop Opal Glass Lens, White Polymer Trim, Wet Location



Dimensions** OD: 8" [203mm]

73 Fresnel Glass Lens

- White trim with glass Fresnel lens
- PS version features "dead-front" construction and is wet location listed for use in showers
- · PS version features non-conductive, non-corrosive polymer (plastic) trim ring
- · Torsion spring retention

Housing **Max Lamp Compatibility**

H7UICAT 40W A19

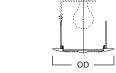
Compatible with Halogen, Incandescent, LED* or CFL* lamps



Fresnel Glass Lens, White Trim



Fresnel Glass Lens, White Polymer Trim, Wet Location



Dimensions** OD: 8" [203mm]



^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Housing: H7UICAT

170 Albalite Lens with Reflector

- · White trim with Albalite glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- · PS version is Air-Tite; making any installation Air-Tite

Housing Max Lamp Compatibility H7UICAT 40W A19 Compatible with Halogen, Incandescent, LED* or CFL* lamps 170P 170PS Albalite Lens, White Trim

Albalite Lens, Polymer White Trim



Dimensions** H: 4" [102mm] OD: 8" [203mm]

171 Drop Opal Glass Lens with Reflector

- · White trim with drop opal glass lens
- · PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- · Torsion spring retention
- · PS version is Air-Tite; making any installation Air-Tite

Housing Max Lamp Compatibility **H7UICAT** 60W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps



171P Drop Opal Lens, White Trim



171PS Drop Opal Lens, White Polymer Trim



Dimensions** H: 4" [102mm] OD: 8" [203mm]



172 Dome Glass Lens with Reflector

- · Frosted glass dome
- · Wet location listed for use in showers
- · Non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- · Torsion spring retention
- · Air-Tite trim makes any installation Air-Tite

Max Lamp Compatibility Housing H7UICAT 75W A19, 75W PAR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Frosted Glass Dome, White Polymer Trim



Frosted Glass Dome, Tuscan Bronze Polymer Trim



Dimensions** H: 2-1/8" [54mm] OD: 7-3/4" [197mm]

173 Fresnel Lens with Reflector

- · White trim with glass Fresnel lens
- · PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- · Torsion spring retention
- · PS version is Air-Tite; making any installation Air-Tite

Housing **Max Lamp Compatibility** H7UICAT 60W A19



Fresnel Lens, White Trim



173PS Fresnel Lens, White Polymer Trim





Dimensions** H: 4" [102mm] OD: 8" [203mm]

Compatible with Halogen, Incandescent, LED* or CFL* lamps

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter Specifications, compliances and dimensions subject to change without notice

IC Housing: H7UICAT

6145 Open Wet Location, Shallow Reflector, Self-flange

- Open wet location shallow Showerlight for PAR30 and PAR38 outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing **Max Lamp Compatibility**

H7UICAT 75W PAR30S, 75W PAR30L, 90W PAR38

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6145WH

White Shallow Reflector, White Self-flange

> Outdoor **Rated Lamp** ONLY



Satin Nickel Shallow Reflector, Satin Nickel Self-flange



Lamp Gasket (Included)





Dimensions**

A: 5-3/8" [136mm] D: 7/8 [22mm] H: 4-7/8" [123mm] OD: 7-3/4" [197mm]

6146 Open Wet Location, Full Reflector Self-flange

- Open wet location Showerlight for PAR30 and PAR38 outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing **Max Lamp Compatibility**

75W PAR30S, 75W PAR30L, 90W PAR38 H7UICAT

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6146WH

White Reflector, White Self-flange





6146SN

Satin Nickel Reflector, Satin Nickel Self-flange



(Included)

6146TBZ

Tuscan Bronze Reflector, Tuscan Bronze Self-flange

Tuscan Bronze Shallow Reflector,

Tuscan Bronze Self-flange



Dimensions**

A: 5-3/8" [137mm] H: 5-3/8" [138mm] OD: 7-3/4" [197mm]

6150 Low Profile, Frosted Glass Dome Lens, Self-flange

- · Low profile, frosted glass dome lens
- · Wet location Showerlight
- · Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing **Max Lamp Compatibility** H7UICAT 43W A19, 50W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6150WH

Frosted Glass Dome Lens with Reflector, White Plastic Self-flange



6150SN

Frosted Glass Dome Lens with Reflector, Satin Nickel Plastic Self-flange



6150TBZ

Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions**

A: 5-1/8" [130mm] H: 4-1/5" [107mm] OD: 7-3/4" [197mm]

6160 Drop White Plastic Lens, Self-flange

- · Wet location Showerlight
- Non-conductive "dead-front" polymer (plastic) trim and lens
- Torsion spring retention

Max Lamp Compatibility Housing **H7UICAT** 29W A19, 39W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6160WH

Drop White Plastic Lens, White Plastic Self-flange



Dimensions**

A: 5-1/8" [130mm] H: 1-5/8" [41mm] OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

**Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Housing: H7UICAT

6162 Drop Opal Plastic Lens, Self-flange

- · Wet location Showerlight
- Non-conductive "dead-front" polymer (plastic) trim and lens
- · Torsion spring retention
- · Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing **Max Lamp Compatibility**

H7UICAT 29W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6162WH

Drop Opal Plastic Lens with Reflector, Frosted Plastic Self-flange



Dimensions**

A: 5-1/8" [130mm] H: 4-3/4" [122mm] OD: 7-3/4" [197mm]

6230 Squircle Frost Glass Lens, Metal Trim, Self-flange



- Wet location Showerlight
- Torsion spring retention
- · Self-flange low profile metal trim ring
- · Socket supporting internal bracket
- Integral rotation adjustment up to +/- 25° for precise alignment with room

Housing Max Lamp Compatibility

H7UICAT 43W A19, 39W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6230AH

Frost Glass Lens, Aluminum Haze Squircle Trim



6230PN

Frost Glass Lens, Polished Nickel Squircle Trim



6230SN

Frost Glass Lens, Satin Nickel Squircle Trim



Dimensions**

A: 6" [152mm] H: 4-1/4" [109mm] D: 3/4" [20mm] OD: 7-1/4" [185mm]

6255 Soft Square, Frost Curved Glass Lens, Self-flange

- · Low profile curved frost glass lens
- Wet location Showerlight for A19 lamps
- · Torsion spring retention
- Integral adjustment up to 90° for precise alignment to room
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Integral rotation adjustment up to +/-25° for precise alignment with room
- Integrated socket supporting reflector for even illumination across lens corner-to-corner



6255WH

Frost Curved Glass Lens with Reflector, White Plastic Self-flange



6255SN

Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange



6255TBZ

Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions** A: 5-7/8" [149mm]

D: 1" [25mm] H: 4-1/2" [114mm] OD: 7-5/8" [194mm]

H7UICAT 43W A19, 39W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

Max Lamp Compatibility

Open, Splay & Wall Wash · · · · ·

79 Pinhole Trim

Housing

- 1-7/8" open pinhole for R20 lamp
- · Torsion spring retention

Housing **Max Lamp Compatibility** H7UICAT 50W PAR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Pinhole Trim



Dimensions** OD: 8" [203mm]

283



^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Housing: H7UICAT

300 Open Trim with Fixed Socket Bracket

- Open trim for BR30 and PAR30 lamps
- Torsion spring retention
- · Socket supporting internal bracket

Housing	Max Lamp Compatibility	

75W PAR30S, 75W PAR30L, H7UICAT 85W BR30, 100W R30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



300P

Socket Bracket with White Open Trim



300SN

Socket Bracket with Satin Nickel Open Trim



Socket Bracket with Tuscan Bronze Open Trim



Dimensions** A: 4-3/4" [122mm] H: 4-3/4" [122mm] OD: 7-1/4" [184mm]

328 White Splay Trim

- Splay trim for BR30 and PAR30 lamps
- Coil spring retention

Max Lamp Compatibility Housing

75W PAR30S, 75W PAR30L. H7UICAT 65W BR30, 75W R30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Splay Trim



Dimensions** A: 3-7/8" [98mm] OD: 7-3/4" [197mm]

424 Open Wall Wash / Reflector Downlight

Designed to spread light on cabinets or wall close to ceiling and provide downlighting on counters

	Housing	Max	Lamp	Compatibility
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H7UICAT 60W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Open Wall Wash and Downlight, White Trim



Dimensions** OD: 7-1/4" [184mm]

425 Wall Wash with Coilex® Baffle and Scoop Reflector

- Black or white Phenolic Coilex® baffle with scoop reflector
- Designated to spread light close to ceiling
- · Coil spring retention

Housing	Max Lamp Compatibility
H7UICAT	50W R30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Baffle, White Trim



Black Baffle, White Trim



Dimensions** OD: 7-1/4" [184mm]

430 Wall Wash with Baffle & Full Reflector

- Black or white step baffle with full reflector
- · Designed to spread light close to the ceiling to eliminate the "cave effect"
- Torsion spring retention
- Makes installation Air-Tite regardless of housing used



White Baffle, White Trim



Black Baffle, White Trim



Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

Housing **Max Lamp Compatibility**

H7UICAT

60W A19, 50W TB19, 60W BT15, 60W MB19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

E26 Screw Base IC Housing - No Socket Bracket

H7ICTNB

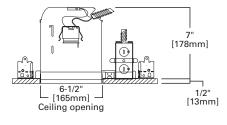


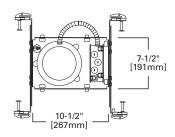


6" IC, New Construction Housing, No Socket Bracket, 120V

The H7 recessed housing is the standard in the industry for both light commercial and residential applications. H7 series features full-frame design, robust construction, feed-through listing, Got Nail! bar hangers; and may support use of higher wattage lamps. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. H7ICTNB is for installations where the housing will be in direct contact with insulation*. May be retrofit with compatible Halo LED lighting systems.

The H7ICTNB can save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate and the fixed lamp position of socket supporting trims saves on lamp adjustment time too. H7ICTNB may be converted into Air-Tite installation when used with Air-Tite trims.









Special Features

Got Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Slide-N-Side™ junction box Quick Connect™ push wire nuts

Compatible Socket Supporting Trims

30°	172⁰	404	6120	6145	6215
74	1730	420	6121	6146	6222
76	300	4300	6125	6150	6230
78◊	327	478	6126	6162	6255
1700	376	4041	6130	6170	30SBAT ⁰
171◊	378				



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Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

◊ Air-Tite trims can make the H7ICTNB installation ASTM E283 compliant

Features

Housing

- · Single wall aluminum housing
- · Aluminum construction for greater heat dissipation
- Housing can be removed from the plaster frame for junction box access
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

Plaster Frame

- Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness
- · Galvanized steel construction
- · Plaster frame features include:
 - Regressed locking screw for securing hanger bars
 - Cutouts for easily crimping hanger bars in position
 - · Halo name embossed on plaster frame
 - The housing may be removed from plaster frame to provide access to the junction box

Includes:

- Got Nail![™] bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru[™] (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)

Socket

- · Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- · Overspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- · cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- RoHS compliant

^{*}Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

E26 Screw Base IC Housing - No Socket Bracket

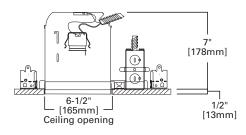
H7ICATNB

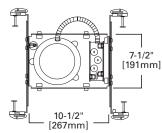


6" IC, Air-Tite, New Construction Housing, No Socket Bracket, 120V

The H7 recessed housing is the standard in the industry for both light commercial and residential applications. H7 series features full-frame design, robust construction, feed-through listing, Got Nail! bar hangers; and may support use of higher wattage lamps. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. H7ICATNB is for installations where the housing will be in direct contact with insulation*, and its Air-Tite design will also meet restricted air flow code requirements. May be retrofit with compatible Halo LED lighting systems.

The H7ICATNB can save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate and the fixed lamp position of socket supporting trims saves on lamp adjustment time too.











Special Features

Got Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Socket Supporting Trims

30	172	404	6120	6145	6215
74	173	420	6121	6146	6222
76	300	430	6125	6150	6230
78	327	478	6126	6162	6255
170	376	4041	6130	6170	30SBAT
171	378				



UL) us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- · Single wall aluminum housing
- Aluminum construction for greater heat dissipation
- Sealed and gasketed for Air-Tite[™] ready installation
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

Plaster Frame

- Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness
- Galvanized steel construction
- Plaster frame features include:
 - Regressed locking screw for securing hanger bars
 - Cutouts for easily crimping hanger bars in position
 - Halo name embossed on plaster frame
 - The housing may be removed from plaster frame to provide access to the junction box
 - · Pre-installed Air-Tite ready ceiling contact gasket

Includes:

- Got Nail![™] bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru[™] (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

Socke

- · Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- · Overspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- · RoHS compliant

^{*}Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

E26 Screw Base IC Housing - No Socket Bracket

6 INCH

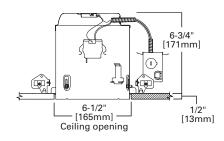
E7ICATNB

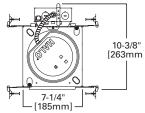


6" IC, Air-Tite, New Construction Housing, No Socket Bracket, 120V

The E7ICATNB is a compact and efficient recessed housing optimized and listed for EISA compliant tungsten-halogen lamps, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial applications. For installation in insulated ceilings* and non-insulated ceilings with Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with compatible Halo LED lighting systems.

The E7ICATNB can save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate and the fixed lamp position of socket supporting trims saves on lamp adjustment time too.











Special Features

All-Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Hinged j-box with Slide-N-Side™ Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Socket Supporting Trims

30	172	404	6120	6145	6215
74	173	420	6121	6146	6222
76	300	430	6125	6150	6230
78	327	478	6126	6162	6255
170	376	4041	6130	6170	30SBAT
171	378				



cUL) us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- · Single wall die-formed aluminum housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Integral gasket for code-required gasket between fixture and finished ceiling – seals aperture without need for additional caulk
- May be removed from the plaster frame to provide access to junction box

Plaster Frame

- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" – 1" ceiling thickness.
- (2) Regressed locking screws for securing hanger bars

Includes:

- All-Nail![™] bar hangers (Details Pg. 15)
- q-Channel bars with Pass-N-Thru[™] (Details Pg. 15)
- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect[™] push wire nuts (Details Pg. 15)
- Air-Tite™ code compliant (Details Pg. 15)

Socket

- · Porcelain socket with nickel plated brass screw shell
- Snap-in socket speeds installation and attaches directly to the trim for consistent lamp positioning
- · Shipped with socket overspray protector installed

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- · RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter Specifications, compliances and dimensions subject to change without notice

IC "NB" Housings: H7ICTNB • H7ICATNB • E7ICATNB

Reflectors···

30 Reflector, Self-flange



- · Self-flange reflector with torsion spring retention
- · Accepts a wide range of lamps
- · Makes installation Air-Tite regardless of housing used
- · Socket supporting reflector

Housings	Max Lamp Compatibility
H7ICTNB	60W A19, 75W PAR30S, 75W PAR30L, - 65W PAR38, 65W BR30, 90W BR40,
H7ICATNB	75W R30
E7ICATNB	53W A19, 75W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40
Compatible with Halogen, Incandescent, LED* or CFL* lamps	



Haze Reflector, White Trim



30RGAT Residential Gold Reflector, White Trim



Clear Specular Reflector, White Trim



Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

30SBAT Reflector, Self-flange

- Self-flange reflector with torsion spring retention
- · Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used
- · Socket supporting reflector



Specular Black Reflector & Trim



Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

Housings	Max Lamp Compatibility
H7ICTNB	40W A19, 50W PAR30S, 75W PAR30I 65W PAR38, 65W BR30, 75W R30, 65W BR40
H7ICATNB	
E7ICATNB	40W A19, 50W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 65W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

404 Specular Reflector

- · Full reflector for use with A-lamps
- · Friction clip retention on housing plaster ring
- · Removable trim ring
- · Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Socket supporting reflector

	-	1
	-	10
404C		

Clear Specular Reflector, White Trim



404H Haze Reflector, White Trim



404SN Satin Nickel Reflector, Satin Nickel Trim



404TBZ Tuscan Bronze Reflector, Tuscan Bronze Trim



Compatible with Halogen, Incandescent, LED* or CFL* lamps



Friction Clips install on housing plaster ring



Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

4041 White Reflector, Self-flange

- Self-flange reflector for use with A-lamps
- · Friction clip retention on housing plaster ring
- · Accessories available: OT403 oversize trim ring
- · Socket supporting reflector

Housings	Max Lamp Compatibility	
H7ICTNB	- 60W A19	
H7ICATNB	- 60VV A19	
E7ICATNB	53W A19	
Compatible with Halogen, Incandescent, LED* or CFL* lamps		



White Reflector, White Self-flange



Friction Clips install on housing plaster ring



Dimensions** H: 5-1/4" [133mm] OD: 7-1/4" [184mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC "NB" Housings: H7ICTNB • H7ICATNB • E7ICATNB

6120 Full Cone Reflector, Self-flange

- · Full cone reflector for BR30, BR40, A19 and PAR30 and PAR38 lamps
- Torsion spring retention
- · Socket supporting reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- Makes installation Air-Tite regardless of housing used White Self-flange



6120WH White Reflector,



6120SN Satin Nickel Reflector, Satin Nickel Self-flange



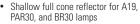
6120TBZ Tuscan Bonze Reflector, Tuscan Bronze Self-flange



Dimensions** A: 5-3/8" [137mm] H: 5-3/8" [138mm] OD: 7-3/4" [197mm]

Max Lamp Compatibility H7ICTNB 6120WH: 43W A19, 75W PAR30S, 75W PAR30L, 65W PAR38, H7ICATNB 65W BR30, 90W BR40 6120SN, 6120TBZ: 43W A19, E7ICATNB 60W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40 Compatible with Halogen, Incandescent, LED* or CFL* lamps

6121 Shallow Full Cone Reflector, Self-flange



- Torsion spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- · Makes installation Air-Tite regardless of housing used



White Reflector, White Self-flange



Dimensions**

A: 5-3/8" [137mm] H: 4-3/8" [110mm] OD: 7-3/4" [197mm]

Housings	Max Lamp Compatibility
H7ICTNB	4014/ 440 TEM/ DADOO
H7ICATNB	 43W A19, 75W PAR30S, 75W PAR30L, 65W BR30
E7ICATNB	- 73W TAROUL, 03W BRISO

Compatible with Halogen, Incandescent, LED* or CFL* lamps

Baffles····

30 Baffle, Self-flange

- Self-flange metal baffle
- Socket supporting baffle
- Torsion spring retention
- · Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H7ICTNB	40W A19, 75W PAR30S, 75W PAR30L,
H7ICATNB	65W PAR38, 65W BR30, 90W BR40, 75W R30
E7ICATNB	30WAT, 30WATH, 30PAT: 40W A19, 75W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40 30TBZAT, 30SNAT: 40W A19, 60W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



30TBZAT

White Baffle & Reflector, White Trim

Tuscan Bronze Baffle & Reflector, Tuscan Bronze Trim



30WATH

White Trim



30PAT

White Trim



30SNAT

White Baffle & Clear Reflector, Black Baffle & Clear Reflector, Satin Nickel Baffle & Reflector, Satin Nickel Trim



Dimensions**

H: 5" [127mm] OD: 7-1/4" [184mm]

6125 Full Cone Baffle, Self-flange

- · Full cone baffle
- Torsion spring retention
- Socket supporting baffle
- · Self-flange trim ring sized to hide gaps caused by construction tolerances

Max Lamp Compatibility
6125WB: 43W A19, 75W PAR30S,
75W PAR30L, 65W PAR38,
65W BR30, 90W BR40
6125BB, 6125BKBB: 43W A19,
75W PAR30S, 75W PAR30L,
65W PAR38, 65W BR30, 85W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6125WB



6125BKBB

White Baffle, White Self-flange Black Baffle, White Self-flange Black Baffle, Black Self-flange



Dimensions** A: 5-3/8" [137mm]

H: 5-3/8" [138mm] OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC "NB" Housings: H7ICTNB • H7ICATNB • E7ICATNB

6126 Shallow Full Cone Baffle, Self-flange



- Shallow full cone baffle for A19 and PAR30 lamps
- · Torsion spring retention
- Socket supporting baffle
- Self-flange trim ring sized to hide gaps caused by construction tolerances







Dimensions** A: 5-3/8" [137mm] H: 4-3/8" [110mm] OD: 7-3/4" [197mm]

Makes installation Air-Tite regardless of housing used White Baffle, White Self-flange Black Baffle, White Self-flange

Housings	Max Lamp Compatibility
H7ICTNB	40\A/ A40 35\A/ DADOOO
H7ICATNB	 43W A19, 75W PAR30S, 75W PAR30L, 65W BR30
E7ICATNB	- 75VV 1 A1100L, 05VV D1100

Compatible with Halogen, Incandescent, LED* or CFL* lamps

74 Eyeball 30° Tilt, Self-flange

- Provides optimum position for PAR30S lamps
- Torsion spring retention
- Socket supporting eyeball





Dimensions** A: 3-7/8" [98mm] OD: 8" [203mm]

Housings	Max Lamp Compatibility
H7ICTNB	
H7ICATNB	75W PAR30S
E7ICATNB	_

Compatible with Halogen, Incandescent, LED* or CFL* lamps

76 Gimbal 30° Tilt, Self-flange

- For use with PAR38 lamps
- 30° tilt

Torsion spring retention





Dimensions** OD: 8" [203mm]

Housings	Max Lamp Compatibility
H7ICTNB	
H7ICATNB	45W PAR38
E7ICATNB	_

Compatible with Halogen, Incandescent, LED* or CFL* lamps

78 Eyeball 30° Tilt, Self-flange

- 30° tilt, 360° rotation
- Torsion spring retention
- Wide choice of finishes for any decor
- · Socket supporting eyeball
- 78PAT makes installation Air-Tite regardless of housing used



White Eyeball, White Trim

air



78SN Satin Nickel Eyeball, Satin Nickel Trim



78TBZ Tuscan Bronze Eyeball, Tuscan Bronze Trim

Dimensions** A: 4" [100mm] H: 4-1/8" [105mm] OD: 8" [203mm]

Housings Max Lamp Compatibility H7ICTNB 75W PAR30L, 65W BR30, 75W R30 **H7ICATNB** 75W PAR30S, 75W PAR30L, E7ICATNB 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

376 Regressed Gimbal 30° Tilt, Self-flange

- Regressed gimbal with baffle
- Torsion spring retention

porting gimbai
Max Lamp Compatibility
50W PAR30S, 50W PAR30L

E7ICATNB

Compatible with Halogen, Incandescent, LED* or CFL* lamps



376W White Baffle, White Trim



Black Baffle, White Trim



Dimensions** OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

**Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC "NB" Housings: H7ICTNB • H7ICATNB • E7ICATNB

378 Regressed Gimbal with Splay 25°Tilt, Self-flange

- · Regressed gimbal with splay trim
- · Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- · Friction clips on trim
- · Socket supporting gimbal

Housings	Max Lamp Compatibility
H7ICTNB	
H7ICATNB	35W PAR30L
E7ICATNB	
Compatible with Halogen, Incandescent, LED* or CFL* lamps	



Friction Clips on Trim



Clear Specular Splay, White Trim



Dimensions** OD: 7-1/4" [184mm]

420 Regressed Eyeball 30° Tilt, Self-flange

- Regressed eyeball with baffle splay
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- · Socket supporting eyeball

1		1
	3	
420W		



White Trim



White Eyeball & Black Baffle, White Trim



Dimensions** A: 4" [100mm] H: 4" [102mm] OD: 7-1/4" [184mm]

Max Lamp Compatibility Housings

H7ICTNB

50W PAR30S, 50W PAR30L, H7ICATNB 60W BR30

E7ICATNB

Compatible with Halogen, Incandescent, LED* or CFL* lamps

478 Adjustable Regressed Gimbal with Splay 25° Tilt, Self-flange

- · Adjustable gimbal with splay trim for PAR38 lamps
- · Removable trim ring
- · Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clip on trim
- · Socket supporting gimbal



White Splay, White Trim





Dimensions** OD: 7-1/4" [184mm]

Housings Max Lamp Compatibility H7ICTNB

H7ICATNB 45W PAR38

E7ICATNB

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6130 Eyeball 35°Tilt, Self-flange

- 35° tilt, 360° rotation
- · Adjustable eyeball trim for BR30 and PAR30 lamps
- · Torsion spring retention
- · Socket supporting eyeball
- · Self-flange trim ring sized to hide gaps cau

caused by construction tolerances	
Housings	Max Lamp Compatibility
H7ICTNB	
H7ICATNB	50W PAR30S, 75W PAR30L, 65W BR30
E7ICATNB	- 0377 15100

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6130WH White Eyeball, White Self-flange



Dimensions** A: 3-7/8" [100mm] H: 3-7/8" [100mm] OD: 7-3/4" [197mm]

291

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter Specifications, compliances and dimensions subject to change without notice

IC "NB" Housings: H7ICTNB • H7ICATNB • E7ICATNB

6170 Gimbal 25°Tilt, Self-flange

- 25° tilt, 360° rotation
- Adjustable gimbal for PAR38 lamps
- Torsion spring retention
- · Socket supporting gimbal
- · Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H7ICTNB	
H7ICATNB	45W PAR38L
E7ICATNB	_

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6170WH White Gimbal, White Self-flange



Black Gimbal, Black Self-flange



6170SN Satin Nickel Gimbal, Satin Nickel Self-flange



Tuscan Bronze Gimbal, Tuscan Bronze Self-flange

Dimensions** A: 4-1/2" [113mm] H: 1-1/15" [30mm] OD: 7-3/4" [197mm]

6215 Double Gimbal 30°-50° Tilt, Self-flange

- 30°-50° tilt, 360° rotation
- 50° tilt with double gimbal design using compound angles
- Double gimbal for PAR30 lamps
- · Torsion spring retention
- Shallow housings are compatible with PAR30S (short-neck) lamps
- Socket supporting gimbal
- Self-flange trim ring sized to hide gaps caused by construction tolerances



6215WH White Gimbal. White Self-flange



6215BK Black Gimbal. Black Self-flange



Satin Nickel Gimbal. Satin Nickel Self-flange



6215TBZ Tuscan Bronze Gimbal. Tuscan Bronze Self-flange



Dimensions** A: 3-3/8" [84mm] H: 2" [51mm] OD: 7-3/4" [197mm]

Max Lamp Compatibility Housings

H7ICTNB **H7ICATNB**

60W PAR30S, 60W PAR30L

E7ICATNB

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6222 Regressed Angle Cut Adjustable Gimbal, 45° Tilt, Self-flange

- 45° tilt, 360° rotation
- Fully regressed gimbal self-flange ring
- · Torsion spring retention
- · Socket supporting gimbal
- · Reflector and baffle options
- · Accommodates tilt of gimbal in a full regressed cut cone
- · Self-flange trim ring sized to hide gaps caused by construction tolerances



6222WR White Baffle, White Trim



6222RR Black Baffle, White Trim



6222SC Specular Clear Reflector White Trim



Haze Reflector, White Trim



Dimensions** A: 3-3/4" [95mm] H: 5-3/8" [137mm] OD: 7-3/4" [197mm]

Max Lamp Compatibility Housings

H7ICTNB

H7ICATNB 39W PAR30S, 60W PAR30L

E7ICATNB

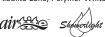
Compatible with Halogen, Incandescent, LED* or CFL* lamps

170 Albalite Lens with Reflector

- · White trim with Albalite glass lens
- · PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- · PS version is "dead-front" construction and is wet location listed for use in showers
- · Torsion spring retention
- · PS version is Air-Tite; making any installation Air-Tite









Dimensions** H: 4" [102mm] OD: 8" [203mm]

Housings	Max Lamp Compatibility
H7ICTNB	40\4/ 4.10
H7ICATNB	- 40W A19
E7ICATNB	29W A19
E7ICATNB	29W A19

- *UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
- **Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC "NB" Housings: H7ICTNB • H7ICATNB • E7ICATNB

6 INCH

171 Drop Opal Glass Lens with Reflector

- · White trim with drop opal glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- · Torsion spring retention
- · PS version is Air-Tite; making any installation Air-Tite

Max Lamp Compatibility
- 40W A19
- 40VV A19
29W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps



171PDrop Opal Lens, White Trim



Drop Opal Lens, White Polymer Trim





Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

172 Dome Glass Lens with Reflector

- · Frosted glass dome
- · Wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- Features "dead-front" construction and is wet location listed for use in showers
- · Torsion spring retention





172SNS
Frosted Glass Dome,
Satin Nickel Polymer Trim





Dimensions** H: 2-1/8" [54mm] OD: 7-3/4" [197mm]

| Housings | Max Lamp Compatibility | H7ICTNB | H7ICATNB | H7ICATNB | H7ICATNB | H7ICATNB | H72PS: 53W A19, 50W PAR30S | H72SNS, 172TB2S: 43W A19, 50W PAR30S | H7ICATNB | H7ICA

Compatible with Halogen, Incandescent, LED* or CFL* lamps

173 Fresnel Lens with Reflector

- White trim with glass Fresnel lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- · PS version is Air-Tite; making any installation Air-Tite

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173P		

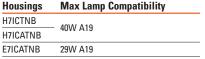
Fresnel Lens, White Trim



1/3PS
Fresnel Lens, White Polymer Trim



Dimensions**
H: 4" [102mm]
OD: 8" [203mm]



Compatible with Halogen, Incandescent, LED* or CFL* lamps

6145 Open Wet Location, Shallow Reflector, Self-flange

- Open wet location shallow Showerlight for PAR30 and PAR38 outdoor rated lamps ONLY
- Torsion spring retention
- · Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H7ICTNB	
H7ICATNB	75W PAR30S, 75W PAR30L, 80W PAR38
E7ICATNB	- GOVV I Allou

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6145WHWhite Shallow Reflector,
White Self-flange





Satin Nickel Shallow Reflector, Satin Nickel Self-flange



(Included)

6145TBZ

Tuscan Bronze Shallow Reflector, Tuscan Bronze Self-flange



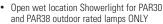
Dimensions**A: 5-3/8" [136mm]
D: 7/8 [22mm]
H: 4-7/8" [123mm]
OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC "NB" Housings: H7ICTNB • H7ICATNB • E7ICATNB

6146 Open Wet Location, Full Reflector Self-flange



- Torsion spring retention
- · Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H7ICTNB	6146WH : 75W PAR30S,
H7ICATNB	75W PAR30L, 65W PAR38
E7ICATNB	 6146SN, 6146TBZ: 60W PAR30S, 75W PAR30L, 65W PAR38

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6146WH White Reflector, White Self-flange





6146SN Satin Nickel Reflector, Satin Nickel Self-flange



Lamp Gasket (Included)



6146TBZ Tuscan Bronze Reflector. Tuscan Bronze Self-flange



Dimensions** A: 5-3/8" [137mm] H: 5-3/8" [138mm] OD: 7-3/4" [197mm]

6150 Low Profile, Frosted Glass Dome Lens, Self-flange

- · Low profile, frosted glass dome lens
- · Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H7ICTNB	
H7ICATNB	29W A19, 39W PAR30S
E7ICATNB	_





Frosted Glass Dome Lens with Reflector, White Plastic Self-flange



6150SN Frosted Glass Dome Lens

with Reflector, Satin Nickel Plastic Self-flange



6150TBZ

Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions**

A: 5-1/8" [130mm] H: 4-1/5" [107mm] OD: 7-3/4" [197mm]

6162 Drop Opal Plastic Lens, Self-flange

- · Wet location Showerlight
- Non-conductive "dead-front" polymer (plastic) trim and lens
- · Torsion spring retention
- · Socket supporting internal reflector
- · Self-flange trim ring sized to hide gaps caused by construction tolerances



Drop Opal Plastic Lens with Reflector, Frosted Plastic Self-flange



Dimensions**

A: 5-1/8" [130mm] H: 4-3/4" [122mm] OD: 7-3/4" [197mm]

Housings **Max Lamp Compatibility** H7ICTNB

H7ICATNB

29W A19

E7ICATNB

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6230 Squircle Frost Glass Lens, Metal Trim, Self-flange

- · Low profile frost glass lens
- · Wet location Showerlight
- Torsion spring retention
- · Self-flange low profile metal trim ring
- Socket supporting internal bracket
- Integral rotation adjustment up to +/- 25° for precise alignment with room







Frost Glass Lens, Polished

Nickel Squircle Trim



6230SN

Frost Glass Lens, Satin Nickel Squircle Trim



Dimensions** A: 6" [152mm] H: 4-1/4" [109mm] D: 3/4" [20mm] OD: 7-1/4" [185mm]

Housings Max Lamp Compatibility

H7ICTNB

H7ICATNB 29W A19, 39W PAR30S

F7ICATNB

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC "NB" Housings: H7ICTNB • H7ICATNB • E7ICATNB

6255 Soft Square, Frost Curved Glass Lens, Self-flange

- · Low profile curved frost glass lens
- · Wet location Showerlight
- · Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Integral rotation adjustment up to +/- 25° for precise alignment with room
- · Integrated socket supporting reflector for even illumination across lens corner-to-corner



Compatible with Halogen, Incandescent, LED* or CFL* lamps



Frost Curved Glass Lens

with Reflector, White

Plastic Self-flange



6255SN Frost Curved Glass Lens with Reflector, Satin Nickel

Plastic Self-flange



6255TBZ Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions** A: 5-7/8" [149mm] D: 1" [25mm] H: 4-1/2" [114mm] OD: 7-5/8" [194mm]

300 Open Trim with Fixed Socket Bracket

- Open trim for BR30 and PAR30 lamps
- · Torsion spring retention
- · Socket supporting internal bracket

Housings	Max Lamp Compatibility
H7ICTNB	75W PAR30S, 75W PAR30L, 65W BR30
H7ICATNB	
E7ICATNB	300P : 75W PAR30S, 75W PAR30L, 65W BR30 300SN, 300TBZ : 60W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Socket Bracket with White Open Trim



Socket Bracket with Satin Nickel Open Trim



Socket Bracket with Tuscan Bronze Open Trim



Dimensions** A: 4-3/4" [122mm] H: 4-3/4" [122mm] OD: 7-1/4" [184mm]

327 White Splay Trim with Fixed Socket Bracket

- Splay trim for BR30 and PAR30 lamps
- · Torsion spring retention
- · Socket supporting internal bracket

Housings	Max Lamp Compatibility
H7ICTNB	7514/ DA DOGG 7514/ DA DOG
H7ICATNB	 75W PAR30S, 75W PAR30L, 65W BR30
E7ICATNB	- 03W BH30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Splay Trim with Socket Bracket



Dimensions** H: 4-1/2" [114mm] OD: 7-3/4" [197mm]

430 Wall Wash with Baffle & Full Reflector

- · Black or white step baffle with full reflector
- · Designed to spread light close to the ceiling to eliminate the "cave effect"
- Torsion spring retention
- Makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H7ICTNB	- 40W A19
H7ICATNB	- 40VV A19
E7ICATNB	29W A19



White Baffle, White Trim Black Baffle, White Trim



Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

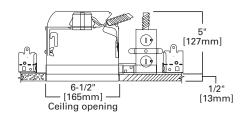
^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

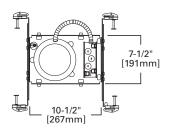
H27ICAT



6" IC, Air-Tite, Shallow New Construction Housing, 120V

The H27ICAT recessed housing is designed for shallow ceilings and is a standard in the industry for both light commercial and residential applications. H27 series features robust construction, feed-through listing, Got Nail! bar hangers; and may support use of higher wattage lamps. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. The H27ICAT is for installations where the housing will be in direct contact with insulation,* and its Air-Tite design will also meet restricted air flow code requirements. May be retrofit with compatible Halo LED lighting systems.











Special Features

Got Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

74	300	420	6103	6110	6150	
78	310	426	6106	6121	6162	
170	328	6100	6107	6126	6215	
171	353	6101	6108	6130	6230	
172		6102	6109	6145	6255	
173						



Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- · Single wall aluminum housing
- Aluminum housing for greater heat dissipation
- · Sealed and gasketed for Air-Tite ready installation

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame

Housing adjusts in plaster frame 1" to accommodate different ceiling thicknesses. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- The housing may be removed from plaster frame to provide access to the junction box
- · Halo name embossed on plaster frame
- · Pre-installed Air-Tite ready ceiling contact gasket

Includes:

- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru[™] (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

Socket

- · Porcelain socket with nickel plated brass screw shell
- Snaps into socket plate (or into socket supporting trim for consistent lamp positioning)
- Overspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- cULus Listed 1598 luminaire
- · cULus Listed damp location
- · cULus Listed for wet location, covered ceiling
- · cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

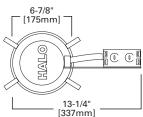
*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

H27RICAT





1/2" [159mm] Ceiling opening to match template supplied



H27RICAT

6" IC, Air-Tite, Shallow Remodel Housing, 120V

The H27RICAT recessed remodel housing is designed for shallow ceilings and is a standard in the industry for both light commercial and residential applications. H27 series shallow remodel housings features robust construction, full-sized remodel junction box; and may support use of higher wattage lamps. Designed for use in existing ceilings, the remodel housing slips through opening in the finished ceiling. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. H27RICAT is for installations where the housing will be in direct contact with insulation,* and its Air-Tite design will also meet restricted air flow code requirements. May be retrofit with compatible Halo LED lighting systems.







Special Features

Quick Connect™ push wire nuts Air-Tite™ code compliant

Compa	itib	le I	rıms

74	300	420	6103	6110	6150
78	310	426	6106	6121	6162
170	328	6100	6107	6126	6215
171	353	6101	6108	6130	6230
172		6102	6109	6145	6255



us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- · Single wall aluminum housing
- · Aluminum construction for greater heat dissipation
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.
- Halo name embossed on housing
- Pre-installed Air-Tite ready ceiling contact gasket on flange

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Remodel Springs

Four remodel springs secure housing and accommodate 1/2" and 5/8" ceiling material

Includes:

- Quick Connect[™] push wire nuts (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

Junction Box

- Seven 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs
- Four non-metallic (NM) cable pry-outs included

Socke

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- · Overspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- · RoHS compliant

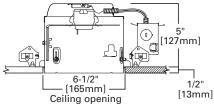
^{*}Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

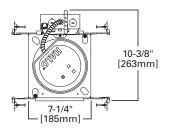
F27ICAT



6" IC, Air-Tite, Shallow New Construction Housing, 120V

The E27ICAT is a compact and efficient shallow recessed remodel housing optimized and listed for EISA compliant tungsten-halogen, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial shallow ceiling applications. For installation in insulated ceilings* and non-insulated ceilings with Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with compatible Halo LED lighting systems.











Special Features

All-Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Hinged j-box with Slide-N-Side™ Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

74	300	420	6103	6110	6150
78	310	426	6106	6121	6162
170	328	6100	6107	6126	6215
171	353	6101	6108	6130	6230
172		6102	6109	6145	6255
173					



Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- · Single wall die-formed shallow aluminum housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, frame and finished ceiling - without need for additional caulk
- May be removed from the plaster frame to provide access to junction box

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame

- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" – 1" ceiling thickness.
- (2) Regressed locking screw for securing hanger bars
- Integral Air-Tite gasket seals housing and meets coderequired gasket between fixture and finished ceiling

Includes:

- All-Nail![™] bar hangers (Details Pg. 15)
- q-Channel bars with Pass-N-Thru[™] (Details Pg. 15)
- Hinged junction box with Slide-N-Side[™] (Details Pg. 15)
- Quick Connect[™] push wire nuts (Details Pg. 15)
- Air-Tite[™] code compliant (Details Pg. 15)

Socket

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- · Shipped with socket overspray protector installed

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trime

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- · RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

E27RICAT



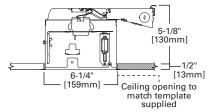


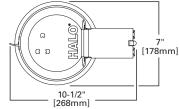


E27RICAT

6" IC, Air-Tite, Shallow Remodel Housing, 120V

The E27RICAT is a compact and efficient shallow recessed remodel housing optimized and listed for EISA compliant tungsten-halogen, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial shallow ceiling applications. For installation in insulated ceilings* and non-insulated ceilings with Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with compatible Halo LED lighting systems.











Special Features

Hinged j-box with Slide-N-Side" Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

74	300	420	6103	6110	6150
78	310	426	6106	6121	6162
170	328	6100	6107	6126	6215
171	353	6101	6108	6130	6230
172		6102	6109	6145	6255



us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- Single wall die-formed shallow aluminum housing
- · Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- · Exclusive Air-Tite gasket meets code where required, and seals between housing, flange and finished ceiling - without need for additional caulk
- · For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

Remodel Retention System - Speed Clamps

Exclusive two integral speed clamps securely lock housing to ceiling, accommodating 3/8" to 2" ceiling materials

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Includes:

- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect™ push wire nuts (Details Pg. 15)
- Air-Tite[™] code compliant (Details Pg. 15)

Socket

- · Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- · Shipped with socket overspray protector installed

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Quick Connect[™] Wiring Tray

- · (3) Color coded push-in wire nuts included
- Captive tray holds push-nuts in place for one-handed connections to line, neutral & ground
- Speeds installation and increases reliability
- · No additional wire nuts required

- · cULus Listed 1598 luminaire
- · cULus Listed damp location
- · cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- · RoHS compliant

^{*}Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

IC Shallow Housings: H27ICAT • H27RICAT • E27ICAT • E27RICAT

Reflectors...

426 Reflector Cone

- Accepts a wide variety of lamps
- Coil spring retention
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Housings	Max Lamp Compatibility
H27ICAT	50W PAR30S, 75W PAR30L,
H27RICAT	65W BR30, 75W R30
E27ICAT	50W PAR30S, 75W PAR30L,
E27RICAT	65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Clear Specular Reflector Cone, White Trim



Black Specular Reflector Cone, White Trim



426H Haze Reflector Cone, White Trim



Satin Nickel Reflector

Cone, Satin Nickel Trim Dimensions** H: 2-5/8" [67mm]

OD: 7-1/4" [184mm]



426TBZ Tuscan Bronze Reflector Cone, Tuscan Bronze Trim



H930 (H7 Housings ONLY) PAR lamp aiming accessory for 310 and 426 trims. Allows 30° tilt and 358° rotation. 50W PAR30.



6106 Straight Reflector Cone, Self-flange

- Straight sides of cone reflector for large diameter, as well as BR30 and PAR30 lamps
- Self-flange reflector cone
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	50W PAR30S, 75W PAR30L,
H27RICAT	E27RICAT	60W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6106SC Specular Clear Reflector, White Self-flange



Dimensions** A: 5-3/8" [137mm] H: 2-5/8" [68mm] OD: 7-3/4" [197mm]

6107 Tapered Reflector, Self-flange

- · Self-flange reflector cone
- Contoured tapered sides of cone reflector for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	50W PAR30S, 75W PAR30L,
H27RICAT	E27RICAT	65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6107SC Specular Clear Reflector, White Self-flange



Dimensions** A: 5-3/8" [137mm] H: 2-5/8" [65mm] OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Shallow Housings: H27ICAT • H27RICAT • E27ICAT • E27RICAT

6 INCH

6121 Shallow Full Cone Reflector, Self-flange



- Shallow full cone reflector for A19, PAR30S and BR30 lamps
- Torsion spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H27ICAT E27ICAT	40W A19, 60W PAR30S,
H27RICAT E27RICAT	75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps





Dimensions** A: 5-3/8" [137mm] H: 4-3/8" [110mm] OD: 7-3/4" [197mm]

Baffles

310 Coilex® Baffle

- Black or white phenolic Coilex baffle with white metal trim ring
- · Removable trim ring
- Accessories available: TRM6 designer trim rings, 0T403 oversize trim ring
- Coil spring retention

Housings	Max Lamp Compatibility	
H27ICAT		
H27RICAT	50W PAR30S, 75W PAR30L,	
E27ICAT	65W BR30	
E27RICAT	-	
Compatible with Halogen, Incandescent, LED* or CFL* lamps		



310WWhite Coilex Baffle,
White Trim



310PBlack Coilex Baffle,
White Trim



Satin Nickel Coilex Baffle, Satin Nickel Trim



Tuscan Bronze Coilex Baffle, Tuscan Bronze Trim



Dimensions** H: 3-1/16" [78mm] OD: 7-1/4" [184mm]

353 Metal Baffle

- · Metallic finish trim rings and baffles
- · Coil spring retention
- Removable trim ring

Housings	Max Lamp Compatibility
H27ICAT	
H27RICAT	50W PAR30S, 75W PAR30L,
E27ICAT	65W BR30
E27DICAT	=



Satin Nickel Baffle, Satin Nickel Trim



353TBZTuscan Bronze Baffle,
Tuscan Bronze Trim



Dimensions** H: 3" [76mm] OD: 7-1/4" [184mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Shallow Housings: H27ICAT • H27RICAT • E27ICAT • E27RICAT

6100 Tapered Metal Baffle with (2) Trim Rings

- Contoured tapered sides of metal baffle for BR30 and PAR30 lamps
- Two plastic removable trim rings included narrow 7.25" OD and wide oversized 8.00" OD
- Coil spring retention

Housings		Max Lamp Compatibility	
H27ICAT	E27ICAT	50W PAR30S, 75W PAR30L,	
H27RICAT	E27RICAT	65W BR30	

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6100WR White Baffle, Narrow & Wide White Trims (Included)



6100RR Black Baffle, Narrow & Wide White Trims (Included)



Dimensions** A: 5-3/4" [148mm] H: 2-7/8" [74mm] OD: 7-1/4" [184mm] Narrow OD: 8" [203mm] Wide

6101 Straight Metal Baffle with (2) Trim Rings

- Straight sides of metal baffle for large diameter lamps
- Two plastic removable trim rings included narrow 7.25" OD and wide 8.00" OD
- · Coil spring retention

Housings		Max Lamp Compatibility
H27ICAT E27ICAT		50W PAR30S, 75W PAR30L,
H27RICAT	E27RICAT	60W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6101WB White Baffle, Narrow & Wide White Trim (Included)



Black Baffle, Narrow & Wide White Trim (Included)



Dimensions** A: 5-5/8" [144mm] H: 2-5/8" [66mm] OD: 7-1/4" [184mm] Narrow OD: 8" [203mm] Wide

6102 Tapered Metal Baffle, Self-flange

- · Contoured tapered sides of metal baffle
- · Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility	
H27ICAT	E27ICAT	50W PAR30S, 75W PAR30L,	
H27RICAT	E27RICAT	65W BR30	

Compatible with Halogen, Incandescent, LED* or CFL* lamps





Dimensions** A: 5-3/8" [137mm] H: 2-5/8" [65mm] OD: 7-3/4" [197mm]

6103 Straight Metal Baffle, Self-flange

- · Straight sides of metal baffle for large diameter lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility	
H27ICAT E27ICAT		50W PAR30S, 75W PAR30L,	
H27RICAT	E27RICAT	60W BR30	

Compatible with Halogen, Incandescent, LED* or CFL* lamps





Dimensions** A: 5-3/8" [137mm] H: 2-5/8" [68mm] OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Shallow Housings: H27ICAT • H27RICAT • E27ICAT • E27RICAT



6108 Coilex® Straight Plastic Baffle, Self-flange

- Straight sides of Coilex baffle for large diameter BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility	
H27ICAT E27ICAT		39W PAR30S, 60W PAR30L,	
H27RICAT	E27RICAT	50W BR30	

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Plastic Straight Coilex Baffle, White Self-flange



Black Plastic Straight Coilex Baffle, White Self-flange



6108BKBB

Black Plastic Straight Coilex Baffle, Black Self-flange



Dimensions**

A: 5-3/8" [137mm] H: 2-5/8" [68mm] OD: 7-3/4" [197mm]

6109 Coilex® Tapered Baffle, Self-flange

- Contoured tapered sides of Coilex baffle for BR30 and PAR30 lamps
- · Coil spring retention
- · Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27ICAT E27ICAT		50W PAR30S, 75W PAR30L,
H27RICAT	E27RICAT	65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6109WR

White Plastic Tapered Coilex Baffle, White Self-flange



6109BR

Black Plastic Tapered Coilex Baffle, White Self-flange



6109RKRR

Black Plastic Tapered Coilex Baffle, Black Self-flange



Dimensions**

A: 5-3/8" [137mm] H: 2-5/8" [65mm] OD: 7-3/4" [197mm]

6110 Perftex™ Baffle, Self-flange

- Perforated pattern baffle contoured for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

	Max Lamp Compatibility
27ICAT	50W PAR30S, 60W PAR30L,
27RICAT	50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6110WB

White Perftex Baffle, White Self-flange



6110BB

Black Perftex Baffle, White Self-flange



6110BKBB

Black Perftex Baffle, Black Self-flange



Dimensions**

A: 6-5/8" [169mm] H: 2-1/8" [54mm] OD: 7-3/4" [197mm]

6126 Shallow Full Cone Baffle, Self-flange

- Shallow full cone baffle for A19 and PAR30S lamps
- Torsion spring retention
- Socket supporting baffle
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility	
H27ICAT	E27ICAT	40W A19, 60W PAR30S,	
H27RICAT	E27RICAT	75W PAR30L, 65W BR30	

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6126BB White Baffle, White Self-flange Black Baffle, White Self-flange



Dimensions**

A: 5-3/8" [137mm] H: 4-3/8" [110mm] OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter Specifications, compliances and dimensions subject to change without notice

IC Shallow Housings: H27ICAT • H27RICAT • E27ICAT • E27RICAT

Adjustable – Eyeballs & Gimbals · · · ·

74 Eyeball 30° Tilt, Self-flange

- Provides optimum position for PAR30S lamps
- Torsion spring retention
- · Socket supporting eyeball

Housings		Max Lamp Compatibility	
H27ICAT	E27ICAT	75W PAR30S	
H27RICAT	E27RICAT	75VV FANSUS	

Compatible with Halogen, Incandescent, LED* or CFL* lamps





Dimensions** A: 3-7/8" [98mm] OD: 8" [203mm]

78 Eyeball 30° Tilt, Self-flange

- 30° tilt, 360° rotation
- Torsion spring retention
- Wide choice of finishes for any decor
- Socket supporting eyeball
- 78PAT makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility	
H27ICAT	- 75W PAR30L, 65W BR30, 75W R30	
H27RICAT		
E27ICAT	75/A/ DA DOOL OF/A/ DDOO	
E27RICAT	- 75W PAR30L, 65W BR30	

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Eyeball, White Trim



White Eyeball, White Trim air 🎎



Satin Nickel Eyeball, Satin Nickel Trim



Tuscan Bronze Eyeball, Tuscan Bronze Trim



Dimensions** A: 4" [100mm] H: 4-1/8" [105mm] OD: 8" [203mm]

420 Regressed Eyeball 30° Tilt, Self-flange

- Regressed eyeball with baffle splay
- · Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Socket supporting eyeball

10	-		M
1		3	
420W			

White Eyeball & Baffle, White Trim



White Eyeball & Black Baffle, White Trim



Dimensions** A: 4" [100mm] H: 4" [102mm] OD: 7-1/4" [184mm]

Max Lamp Compatibility Housings H27ICAT H27RICAT 50W PAR30S, 50W PAR30L, 60W BR30 E27ICAT E27RICAT

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6130 Eyeball 35°Tilt, Self-flange

- 35° tilt, 360° rotation
- · Adjustable eyeball trim for BR30 and PAR30 lamps
- Torsion spring retention
- · Socket supporting eyeball
- Self-flange trim ring sized to hide gaps caused by construction tolerances







Dimensions** A: 3-7/8" [100mm] H: 3-7/8" [100mm] OD: 7-3/4" [197mm]

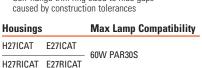
^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Shallow Housings: H27ICAT • H27RICAT • E27ICAT • E27RICAT

6215 Double Gimbal 30°-50° Tilt, Self-flange

- 30°-50° tilt, 360° rotation
- 50° tilt with double gimbal design using compound angles
- · Double gimbal for PAR30S lamps
- Torsion spring retention
- Shallow housings are compatible with PAR30S (short-neck) lamps
- · Socket supporting gimbal
- Self-flange trim ring sized to hide gaps



Compatible with Halogen, Incandescent, LED* or CFL* lamps



6215WH White Gimbal, White Self-flange



6215BK Black Gimbal, Black Self-flange



6215SN Satin Nickel Gimbal, Satin Nickel Self-flange



Tuscan Bronze Gimbal, Tuscan Bronze Self-flange



Dimensions** A: 3-3/8" [84mm] H· 2" [51mm] OD: 7-3/4" [197mm]

Lenses & Wet Location Showerlights · · · · · ·

170 Albalite Lens with Reflector

- . White trim with Albalite glass lens
- · PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- · Torsion spring retention
- · PS version is Air-Tite; making any installation Air-Tite

Housings	Max Lamp Compatibility
H27ICAT	35W PAR30L
H27RICAT	40W A19
E27ICAT	00/4/ 440
E27RICAT	- 29W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps



170PS Albalite Lens, Polymer White Trim

air 🎎



Dimensions** H: 4" [102mm] OD: 8" [203mm]

171 Drop Opal Glass Lens with Reflector

- · White trim with drop opal glass lens
- · PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- · PS version features "dead-front" construction and is wet location listed for use in showers
- · Torsion spring retention
- · PS version is Air-Tite; making any installation Air-Tite

4745	

Albalite Lens, White Trim

171P Drop Opal Lens, White Trim



Drop Opal Lens, White Polymer Trim



Dimensions** H: 4" [102mm] OD: 8" [203mm]



172 Dome Glass Lens with Reflector





· Frosted glass dome

- · Features "dead-front" construction and is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- Torsion spring retention
- · Air-Tite trim makes any installation Air-Tite

4	
	1
172PS	
Frosted Glass Do	me,

White Polymer Trim



Frosted Glass Dome, Tuscan Bronze Polymer Trim



Dimensions** H: 2-1/8" [54mm] OD: 7-3/4" [197mm]

Housings	Max Lamp Compatibility				
H27ICAT	- 60W A19, 50W PAR30S				
H27RICAT	- 00VV A19, 30VV FAN303				
E27ICAT	- 43W A19				
E27RICAT	- 43VV A19				
Compatible with Halogen, Incandescent, LED* or CFL* lamps					



^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Shallow Housings: H27ICAT • H27RICAT • E27ICAT • E27RICAT

173 Fresnel Lens with Reflector

- . White trim with glass Fresnel lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings Max Lamp Compatibility						
H27ICAT	40W A19, 35W PAR30L					
E27ICAT	35W PAR30L					

Compatible with Halogen, Incandescent, LED* or CFL* lamps



173PFresnel Lens, White Trim



173PS

Fresnel Lens, White Polymer Trim





Dimensions** H: 4" [102mm] OD: 8" [203mm]

6145 Open Wet Location, Shallow Reflector, Self-flange

- Open wet location shallow Showerlight for PAR30S and PAR38 outdoor rated lamps ONLY
- Torsion spring retention
- · Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	75W PAR30S, 75W PAR30L,
H27RICAT	E27RICAT	80W PAR38
Compatible v	vith Halogen,	Incandescent, LED* or CFL* lamps



6145WHWhite Shallow Reflector,
White Self-flange

Outdoor Rated Lamp ONLY (Purchase Separately)



6145SN Satin Nickel Shallow Reflector,



Lamp Gasket (Included)



6145TBZTuscan Bronze Shallow Reflector,
Tuscan Bronze Self-flange



Dimensions**
A: 5-3/8" [136mm]
D: 7/8 [22mm]
H: 4-7/8" [123mm]
OD: 7-3/4" [197mm]

6150 Low Profile, Frosted Glass Dome Lens, Self-flange

- Low profile, frosted glass dome lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- · Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

	,	
Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	29W A19, 39W PAR30S
H27RICΔT	F27RICAT	29VV A19, 39VV PAR3US

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6150WHFrosted Glass Dome Lens with Reflector, White Plastic Self-flange



6150SN Frosted Glass Dome Lens with Reflector, Satin Nickel Plastic Self-flange



Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions** A: 5-1/8" [130mm] H: 4-1/5" [107mm] OD: 7-3/4" [197mm]

6162 Drop Opal Plastic Lens, Self-flange

- · Wet location Showerlight
- Non-conductive "dead-front" polymer (plastic) trim and lens
- Torsion spring retention
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances



H27RICAT E27RICAT 29W A19
Compatible with Halogen, Incandescent, LED* or CFL* lamps



6162WH Drop Opal Plastic Lens with Reflector, Frosted Plastic Self-flange



Dimensions**
A: 5-1/8" [130mm]
H: 3-7/8" [122mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

IC Shallow Housings: H27ICAT • H27RICAT • E27ICAT • E27RICAT

6230 Squircle Frost Glass Lens, Metal Trim, Self-flange



- · Wet location Showerlight
- · Torsion spring retention
- Self-flange low profile metal trim ring
- Socket supporting internal bracket
- Integral rotation adjustment up to +/- 25° for precise alignment with room

Housings	;	Max Lamp Compatibility				
H27ICAT	E27ICAT	29W A19				
H27RICAT	E27RICAT	29W A19				

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6230AH

Frost Glass Lens, Aluminum Haze Squircle Trim



6230PN

Frost Glass Lens, Polished Nickel Squircle Trim



6230SN

Frost Glass Lens, Satin Nickel Squircle Trim



Dimensions**

A: 6" [152mm] H: 4-1/4" [109mm] D: 3/4" [20mm] OD: 7-1/4" [185mm]

6255 Soft Square, Frost Curved Glass Lens, Self-flange

- · Low profile curved frost glass lens
- · Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Integral rotation adjustment up to +/- 25° for precise alignment with room
- Integrated socket supporting reflector for even illumination across lens corner-to-corner

3//

6255WH

Frost Curved Glass Lens with Reflector, White Plastic Self-flange



6255SN

Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange



6255TBZ

Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions**

A: 5-7/8" [149mm] D: 1" [25mm] H: 4-1/2" [114mm] OD: 7-5/8" [194mm]

Housings Max Lamp Compatibility

H27ICAT	E27ICAT	29W A1
H27RICAT	E27RICAT	ZJVV A

Compatible with Halogen, Incandescent, LED* or CFL* lamps

300 Open Trim with Fixed Socket Bracket

- · Open trim for BR30 and PAR30 lamps
- · Torsion spring retention
- Socket supporting internal bracket

Housings	Max Lamp Compatibility
H27ICAT	75W PAR30S, 50W PAR30L, 60W BR30
H27RICAT	75W PAR30S, 60W BR30
E27ICAT	300P : 60W PAR30S,
E27RICAT	60W PAR30L, 60W BR30 300SN , 300TBZ : 60W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



300P

Socket Bracket with White Open Trim



Socket Bracket with Satin Nickel Open Trim



300TR7

Socket Bracket with Tuscan Bronze Open Trim



Dimensions**

A: 4-3/4" [122mm] H: 4-3/4" [122mm] OD: 7-1/4" [184mm]

328 White Splay Trim

- · Splay trim for BR30 and PAR30 lamps
- · Coil spring retention

Housings	Max Lamp Compatibility
H27ICAT	
H27RICAT	- 50W PAR30S, 75W PAR30L, 65W BR30
E27ICAT	SUVV PARSUS, 75VV PARSUL, 65VV BRSU
E27RICAT	-

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Splay Trim



Dimensions**

H: 3-7/8" [98mm] OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

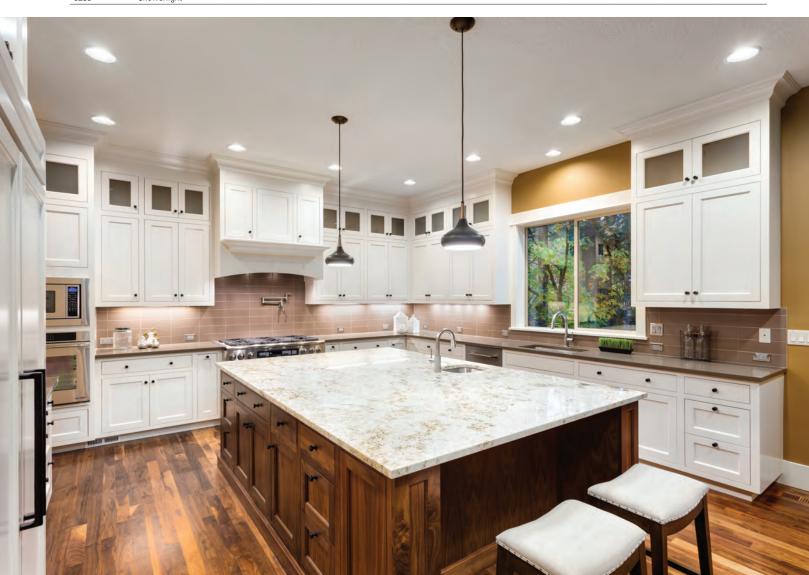
^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter Specifications, compliances and dimensions subject to change without notice

E26 Screw Base Non-Insulated Ceiling Housings & Trims Quick Reference - Non-IC

Trim Series #	Style	H7T	Н7ТСР	H7RT	E7TAT	E7RTAT	H7TNB	E7TATNB	H27T	H27RT	E27TAT	E27RTAT
30	Reflector & Baffle	•	•	•	•	•	•	•	_	_		
70	Showerlight	•	•	•	•	•	_	_	•	_	•	_
71	Showerlight	•	•	•	•	•	_	_	•	_	•	_
73	Showerlight	•	•	•	•	•	_	_	•	_	•	_
74	Adjustable	•	_	•	•	•	•	•	•	•	•	•
76	Adjustable	•	•	•	•	•	•	•	_	_	_	_
78	Adjustable	•	•	•	•	•	•	•	•	•	•	•
79	Pinhole	•	•	_	•	_	_	_	•	•	•	•
170	Showerlight	•	_	•	•	•	•	•	•	•	•	•
171	Showerlight	•	_	•	•	•	•	•	•	•	•	•
172	Showerlight	•	_	•	•	•	•	•	•	•	•	•
173	Showerlight	•	_	•	•	•	•	•	•	•	•	•
300	Open	•	_	_	•	_	_	_	_	_	_	_
301	Open	•	•	•	•	•	_	_	•	•	•	•
303	Wall Wash	•	•	•	•	•	_	_	_	_	_	_
310	Baffle	•	•	•	•	•	_	_	•	•	•	•
328	Splay	•	•	•	•	•	_	_	•	•	•	•
353	Baffle	•	_	•	•	•	_	_	•	•	•	•
376	Adjustable	•	•	•	•	•	•	•	•	•	•	•
378	Adjustable	•	•	•	•	_	•	•	•	•	•	_
401	Open	•	•	•	•	•	_	_	_	_	_	_
405	Reflector	•	•	•	•	•	•	•	_	_	_	_
410	Baffle	•	•	•	•	•	_	_	_	_	_	_
419	Adjustable	•	•	•	•	•	•	•	•	•	•	•
420	Adjustable	•	_	•	•	•	•	•	•	•	•	•
424	Wall Wash	•	•	•	•	•	_	_	_	_	_	_
425	Wall Wash	•	•	•	•	•	_	_	_	_	_	_
426	Reflector	•	•	•	•	•	_	_	•	•	•	•
428	Splay	•	•	•	•	•	_	_	_	_	_	_
429	Reflector	•	•	•	•	•	_	_	_	_	_	_
430	Wall Wash	•	_	_	•	_	•	•	_	_	_	_
478	Adjustable	•	•	•	•	•	•	•	_	_	_	_
1412	Adjustable	•	_	•	•	_	_	_	_	_	_	_
1416	Reflector & Baffle	•	_	•	•	_	_	_	_	_	_	_
1417	Adjustable	•	•	•	•	_	_	_	_	_	_	_
1450	Slot	•	_	•	_	_	_	_	_	_	_	_
1475	Adjustable	•	_	•	•	•	_	_	_	_	_	_
1479	Pinhole	•	•	•	•	•	_	_	_	_	_	_
4051	Reflector	•	_	•	•	•	•	•	_	_	_	_
4261	Reflector	•	_	•	•	•	_	_	•	•	•	•
30SBAT	Reflector	•	_	•	•	•	•	•	_	_	_	_

E26 Screw Base Non-Insulated Ceiling Housings & Trims Quick Reference - Non-IC

Trim Series #	Style	H7T	Н7ТСР	H7RT	E7TAT	E7RTAT	H7TNB	E7TATNB	H27T	H27RT	E27TAT	E27RTAT
6100	Baffle	•	•	•	•	•	_	_	•	•	•	•
6101	Baffle	•	•	•	•	•	_	_	•	•	•	•
6102	Baffle	•	•	•	•	•	_	_	•	•	•	•
6103	Baffle	•	•	•	•	•	_	_	•	•	•	•
6106	Reflector	•	•	•	•	•	_	_	•	•	•	•
6107	Reflector	•	•	•	•	•	_	_	•	•	•	•
6108	Baffle	•	•	•	•	•	_	_	•	•	•	•
6109	Baffle	•	•	•	•	•	_	_	•	•	•	•
6110	Baffle	•	•	•	•	•	_	_	•	•	•	•
6120	Reflector	•	•	•	•	•	•	•	_	_	_	_
6121	Reflector	•	_	•	•	•	•	•	•	•	•	•
6125	Baffle	•	•	•	•	•	•	•	_	_	_	_
6126	Baffle	•	_	•	•	•	•	•	•	•	•	•
6130	Adjustable	•	•	•	•	•	•	•	•	•	•	•
6145	Open Showerlight	•	•	•	•	•	•	•	•	•	•	•
6146	Open Showerlight	•	•	•	•	•	•	•	_	_	_	_
6150	Showerlight	•	•	•	•	•	•	•	•	•	•	•
6160	Showerlight	•	•	•	•	•	_	_	•	_	•	_
6170	Adjustable	•	•	•	•	•	•	•	_	_	_	_
6215	Adjustable	•	•	•	•	•	•	•	•	•	•	•
6222	Adjustable	•	•	•	•	•	•	•	_	_	_	_
6230	Showerlight	•	•	•	•	•	•	•	•	•	•	•
6255	Showerlight	•	•	•	•	•	•	•	•	•	•	•

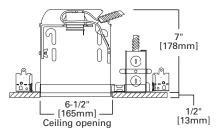


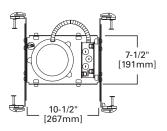
H7T



6" Non-IC, New Construction, 120V

The H7 recessed housing is the standard in the industry for both light commercial and residential applications. H7 series features full-frame design, robust construction, feed-through listing, Got Nail! bar hangers; and may support use of higher wattage lamps. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. The H7T is for use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3" from all sides of housing. May be retrofit with compatible Halo LED lighting systems.









Special Features

Got Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Slide-N-Side™ junction box Quick Connect™ push wire nuts

Compatible Trims

30⁰	172⁰	378	428	1479	6108	6146
70	173	401	429	4051	6109	6150
71	300	405	4300	4261	6110	6160
73	301	410	478	6100	61200	6170
74	303	419	1412	6101	61210	6215
76	310	420	1416	6102	61250	6222
78◊	328	424	1417	6103	61260	6230
79	353	425	1450	6106	6130	6255
170	376	426	1475	6107	6145	30SBAT ⁰
171						



us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

♦ Air-Tite trims can make the H7T installation ASTM E283 compliant (in a non-insulated ceiling)

Features

Housing

- Single wall die-stamped CRS housing
- · White housing paint finish

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame

- The housing can be removed from plaster frame to provide access to the junction box
- · Galvanized steel construction
- Housing adjusts in plaster frame to accommodate ceilings up to 1" 3/8" thick
- Plaster frame features include:
 - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
 - · Cutouts for easily crimping hanger bars in position
 - · Halo name embossed on plaster frame

Includes:

- Got Nail![™] bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru[™] (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)

Socket

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

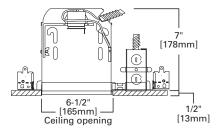
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- · RoHS compliant
- IP rated (Improper Lamp)

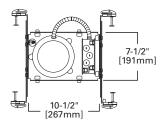
H7TCF



6" Non-IC, New Construction or Remodel, Chicago Plenum, 120V

The H7TCP recessed housing is designed for City of Chicago applications. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H7TCP is designed for non-insulated Chicago Plenum ceilings where insulation must be kept a minimum of 3" from all sides of housing. May be retrofit with compatible Halo LED lighting systems.











Special Features

Chicago Plenum

Compatible Trims

30	301	405	429	6103	6120	6160
70	303	410	478	6106	6125	6170
71	310	419	1417	6107	6130	6215
73	328	424	1479	6108	6145	6222
76	376	425	6100	6109	6146	6230
78	378	426	6101	6110	6150	6255
79	401	428	6102			



us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- Single wall CRS housing
- · White housing paint finish
- Constructed and gasketed to meet Chicago CCEA requirements

Plaster Frame

- "Boat shaped" plaster frame design for new construction or remodel in existing ceilings
- · Galvanized steel die-formed construction
- Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Socket

- · Porcelain socket with nickel plated brass screw shell
- Snap-in socket speeds installation and attaches directly to the trim for consistent lamp positioning
- · Overspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

- · cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- RoHS compliant
- IP rated (Improper Lamp)
- City of Chicago Environmental Air "Chicago Plenum" Compliant

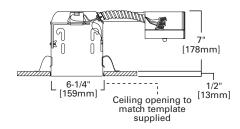
H7RT

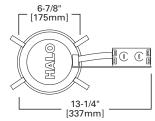


H7RT

6" Non-IC, Remodel, 120V

The H7 recessed remodel housing is the standard in the industry for both light commercial and residential applications. H7 series features full-frame design, robust construction, feed-through listing, Got Nail! bar hangers; and may support use of higher wattage lamps. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. The H7RT is for use in non-insulated existing ceilings where the remodel housing slips through opening in finished ceiling. If ceiling insulation is present, it must be kept 3" from all sides of housing. May be retrofit with compatible Halo LED lighting systems.









Special Features

Quick Connect™ push wire nuts

Compatible Trims

30⁰	172	378	428	4051	6109	6150
70	173	401	429	4261	6110	6160
71	301	405	478	6100	61200	6170
73	303	410	1412	6101	61210	6215
74	310	419	1416	6102	61250	6222
76	328	420	1417	6103	61260	6230
78◊	353	424	1450	6106	6130	6255
170	376	425	1475	6107	6145	30SBAT [◊]
171		426	1479	6108	6146	



Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

♦ Air-Tite trims can make the H7RT installation ASTM E283 compliant (in a non-insulated ceiling)

Features

Housing

- Single wall die-stamped CRS shallow housing
- · White housing paint finish
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Remodel Springs

Four remodel springs secure housing and accommodate 1/2" and 5/8" ceiling material

Junction Box

- Seven 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs
- · Four non-metallic (NM) cable pry-outs included

Includes:

Quick Connect[™] push wire nuts (Details Pg. 13)

Socket

- Porcelain socket with nickel plated brass screw shell
- · Snap-in springs secure socket to socket plate, and may
- be detached when using socket supporting trimsOverspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- RoHS compliant
- IP rated (Improper Lamp)

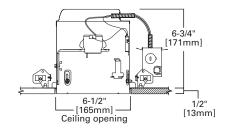
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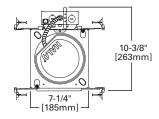
E7TA1



6" Non-IC, Air-Tite, New Construction Housing, 120V

The E7TAT is a compact and efficient recessed Non-IC housing optimized and listed for EISA compliant tungsten-halogen, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial applications. For installation in non-insulated ceilings; if ceiling insulation is present it must be kept 3" from all sides of housing. Housing features Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with compatible Halo LED lighting systems.











Special Features

All-Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Hinged j-box with Slide-N-Side™ Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

30	172	376	426	1479	6108	6146
70	173	378	428	4051	6109	6150
71	300	401	429	4261	6110	6160
73	301	405	430	6100	6120	6170
74	303	410	478	6101	6121	6215
76	310	419	1412	6102	6125	6222
78	328	420	1416	6103	6126	6230
79	353	424	1417	6106	6130	6255
170		425	1475	6107	6145	30SBAT
171						



us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- · Single wall die-formed housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, frame and finished ceiling without need for additional caulk
- May be removed from the plaster frame to provide access to junction box

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame

- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" - 1" ceiling thickness.
- (2) Regressed locking screws for securing hanger bars

Includes:

- All-Nail![™] bar hangers (Details Pg. 15)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 15)
- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect[™] push wire nuts (Details Pg. 15)
- Air-Tite[™] code compliant (Details Pg. 15)

Socket

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- · Shipped with socket overspray protector installed

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- · RoHS compliant

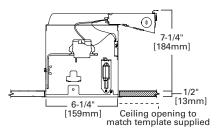
F7RTAT

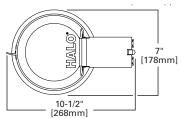


E7RTAT

6" Non-IC, Air-Tite, Remodel Housing, 120V

The E7RTAT is a compact and efficient recessed remodel Non-IC housing optimized and listed for EISA compliant, tungsten-halogen, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial applications. For installation in non-insulated ceilings, if ceiling insulation is present it must be kept 3" from all sides of housing. Housing features Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with compatible Halo LED lighting systems.











Special Features

Hinged j-box with Slide-N-Side Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

30	172	376	426	6100	6110	6150
70	173	401	428	6101	6120	6160
71	301	405	429	6102	6121	6170
73	303	410	478	6103	6125	6215
74	310	419	1475	6106	6126	6222
76	328	420	1479	6107	6130	6230
78	353	424	4051	6108	6145	6255
170		425	4261	6109	6146	30SBAT
171						



us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- · Single wall die-formed housing
- Die formed flange maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, flange and finished ceiling - without need for additional caulk
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

Remodel Retention System - Speed Clamps

 Exclusive two integral speed clamps securely lock housing to ceiling, accommodating 3/8" to 2" ceiling materials

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Includes

- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect[™] push wire nuts (Details Pg. 15)
- Air-Tite[™] code compliant (Details Pg. 15)

Socket

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Shipped with socket overspray protector installed

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Quick Connect™ Wiring Tray

- (3) Color coded 4-port push-in wire nuts included
- Captive tray holds push-nuts in place for one-handed connections to line, neutral & ground
- · Speeds installation and increases reliability
- No additional wire nuts required

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

Reflectors····

30 Reflector, Self-flange



- Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used
- · Socket supporting reflector

Housings	Max Lamp Compatibility
H7T	100W A19, 75W PAR30S, 75W PAR30L,
H7TCP	85W BR30, 100W R30, 150W PAR38
H7RT	150W A21, 50W PAR30S, 75W PAR30L, 65W BR30, 75W R30, 150W PAR38
E7TAT	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30
E7RTAT	100W A19, 150W A21, 50W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Haze Reflector, White Trim







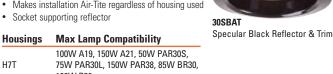
Clear Specular Reflector, White Trim



Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

30SBAT Reflector, Self-flange

- · Self-flange reflector with torsion spring retention
- · Accepts a wide range of lamps
- · Makes installation Air-Tite regardless of housing used



Houdingo	max zamp companionity
H7T	100W A19, 150W A21, 50W PAR30S, 75W PAR30L, 150W PAR38, 85W BR30, 100W R30
H7RT	150W A21, 50W PAR30S, 75W PAR30L, 65W BR30, 75W R30, 150W PAR38
E7TAT	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30
E7RTAT	100W A19, 150W A21, 50W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps





Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

405 Specular Full Cone Reflector

- Full reflector for use with A-lamps
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clip retention on housing plaster ring
- · Removable trim ring
- · Socket supporting reflector



Specular Clear Reflector, White Trim



Friction Clips install on housing plaster ring



Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

Housings Max Lamp Compatibility H7T H7TCP H7RT 150W A21 E7TAT

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

426 Reflector Cone

- · Accepts a wide variety of lamps
- · Coil spring retention
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Housings	Max Lamp Compatibility
H7T	75W PAR30S, 150W PAR38,
Н7ТСР	65W BR30, 120W BR40, 75W R30, 150W R40
H7RT	75W PAR30S, 75W PAR30L, 65W BR30, 120W BR40, 75W R30, 150W R40
E7TAT	75W PAR30S, 150W PAR38, 65W BR30, 120W BR40
E7RTAT	75W PAR30S, 75W PAR30L, 65W BR30, 120W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



426 Clear Specular Reflector Cone, White Trim

Tuscan Bronze Reflector

Cone Tuscan Bronze Trim



426MBBlack Specular Reflector Cone, White Trim



Haze Reflector Cone, White Trim



426SNSatin Nickel Reflector
Cone, Satin Nickel Trim



H930 (H7 Housings ONLY) PAR lamp aiming accessory for 310 and 426 trims. Allows 30° tilt and 358° rotation. 50W PAR30.



Dimensions** H: 2-5/8" [67mm] OD: 7-1/4" [184mm]

429 Dayform White Cone, Self-flange

- · Contoured sides shield interior view of housing
- · Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Max Lamp Compatibility
TELL DA DOGG TELL DA DOGG
75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
5500 B1150, 7500 1150
75W PAR30S, 75W PAR30L,
65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



429P

426TBZ

White Reflector, White Self-flange



Dimensions** H: 3" [76mm] OD: 7-1/4" [184mm]

4051 White Full Cone Reflector, Self-flange

Max Lamp Compatibility

- Full reflector for use with A-lamps
- · Friction clip retention on housing plaster ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- · Socket supporting reflector

E7TAT

E7RTAT

Housings

H7T

H7RT

4051P

White Reflector, White Self-flange



Friction Clips install on housing plaster ring



Dimensions** H: 6" [152mm] OD: 7-1/4" [184mm]

4261 White Reflector Cone, Self-flange

150W A21

Compatible with Halogen, Incandescent, LED* or CFL* lamps

- Accepts R and PAR lamps
- · Coil spring retention

Housings	Max Lamp Compatibility
H7T	75W PAR30S, 150W PAR38, 65W BR30, 120W BR40, 75W R30, 150W R40
H7RT	75W PAR30S, 75W PAR30L, 65W BR30, 120W BR40, 75W R30, 150W R40
E7TAT	75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30, 120W BR40
E7RTAT	75W PAR30S, 75W PAR30L, 65W BR30, 120W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



4261P

White Reflector, White Self-flange



Dimensions** H: 2-5/8" [67mm] OD: 7-1/4" [184mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

6106 Straight Reflector Cone, Self-flange

- Straight sides of cone reflector
- Self-flange reflector cone
- · Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	E7TAT	_ 75W PAR30S, 75W PAR30L,
H7RT	E7RTAT	120W PAR38, 65W BR30,
H7TCP		120W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Specular Clear Reflector, White Self-flange



Dimensions** A: 5-3/8" [137mm] H: 2-5/8" [68mm] OD: 7-3/4" [197mm]

6107 Tapered Reflector, Self-flange

- · Self-flange reflector cone
- · Contoured tapered sides of cone reflector
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T H7TCP	— E7TAT	75W PAR30S, 75W PAR30L, - 65W BR30
H7RT	E7RTAT	- 0344 10100

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6107SC Specular Clear Reflector, White Self-flange



Dimensions** A: 5-3/8" [137mm] H: 2-5/8" [65mm] OD: 7-3/4" [197mm]

6120 Full Cone Reflector, Self-flange



- Torsion spring retention
- Socket supporting reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- Makes installation Air-Tite regardless of housing used

Housings		Max Lamp Compatibility
H7T	E7TAT	100W A19, 150W A21, 75W
H7RT	E7RTAT	 PAR30S, 75W PAR30L, 150W PAR38, 85W BR30, 120W BR40
		6120WH : 100W A19,
		75W PAR30S, 75W PAR30L,
H7TCP		120W PAR38, 65W BR30
		6120SN 6120TR7-

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6120WH White Reflector. White Self-flange



6120SN Satin Nickel Reflector. Satin Nickel Self-flange



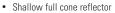
6120TBZ Tuscan Bonze Reflector. Tuscan Bronze Self-flange



Dimensions** A: 5-3/8" [137mm] H: 5-3/8" [138mm] OD: 7-3/4" [197mm]

6121 Shallow Full Cone Reflector, Self-flange

75W A19, 100W PAR38



- Torsion spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- Makes installation Air-Tite regardless of housing used

Housings		Max Lamp Compatibility
H7T	E7TAT	40W A19, 75W PAR30S, 75W PAR30L, 65W BR30
H7RT	E7RTAT	40W A19, 75W PAR30S, 75W PAR30L, 65W BR30



White Reflector, White Self-flange



Dimensions** A: 5-3/8" [137mm] H: 4-3/8" [110mm] OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp. **Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

30 Baffle, Self-flange



- Self-flange metal baffle with upper reflector
- Socket supporting baffle
- Torsion spring retention
- Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
Н7Т	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 85W BR30, 100W R30
Н7ТСР	75W A19, 75W PAR30S, 75W PAR30L, 150W PAR38, 85W BR30, 100W R30
H7RT	100W A19, 150W A21, 50W PAR30S, 50W PAR30L, 150W PAR38, 85W BR30, 100W R30
E7TAT	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30
E7RTAT	100W A19, 150W A21, 50W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



30WAT White Baffle & Reflector, White Trim

Tuscan Bronze Baffle & Reflector, Tuscan Bronze Trim

30TBZAT



White Baffle & Clear Reflector, White Trim



Black Baffle & Clear Reflector, White Trim



30SNAT Satin Nickel Baffle & Reflector, Satin Nickel Trim



Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

310 Coilex® Baffle

- Black or white phenolic Coilex baffle with white metal trim ring
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Max Lamp Compatibility

75W PAR30S, 75W PAR30L,

75W PAR30S, 75W PAR30L,

75W PAR30S, 75W PAR30L,

65W BR30, 75W R30

65W BR30, 75W R30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

65W BR30

· Coil spring retention

Housings

H7T

H7TCP

H7RT

E7TAT

E7RTAT



310P White Coilex Baffle, White Trim Black Coilex Baffle, White Trim Satin Nickel Coilex Baffle,



310SN Satin Nickel Trim



310TBZ Tuscan Bronze Coilex Baffle, Tuscan Bronze Trim

75W PAR30S, 65W BR30, 75W R30

H930 (H7 Housings ONLY) PAR lamp aiming accessory for 310 and 426 trims. Allows 30° tilt and 358° rotation. 50W PAR30.



Dimensions** H: 3-1/16" [78mm] OD: 7-1/4" [184mm]

353 Metal Baffle

- · Metallic finish trim rings and baffles
- Coil spring retention
- · Removable trim ring

Housings	Max Lamp Compatibility
H7T	75W PAR30S, 75W PAR30L,
H7RT	65W BR30, 75W R30
E7TAT	75W PAR30S, 75W PAR30L,
E7RTAT	65W BR30



353SN Satin Nickel Baffle, Satin Nickel Trim



353TB7 Tuscan Bronze Baffle, Tuscan Bronze Trim



Dimensions** H: 3" [76mm] OD: 7-1/4" [184mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

410 Coilex® Straight Plastic Baffle

- Straight sides of baffle for large diameter lamps
- Black or white phenolic Coilex baffle with separate trim ring
- · For PAR38 and R40 lamps
- · Removable metal trim ring

Housings	Max Lamp Compatibility	
H7T	75W PAR30S, 150W PAR38,	
H7TCP	120W BR40, 150W R40	
H7RT	120W BR40, 150W R40	
E7TAT	75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30, 120W BR40	
E7RTAT	120W BR40	

Compatible with Halogen, Incandescent, LED* or CFL* lamps





White Baffle, White Metal Ring Black Baffle, White Metal Ring



Dimensions** H: 2-1/4" [57mm] OD: 7-1/4" [184mm]

6100 Tapered Metal Baffle with (2) Trim Rings

- Contoured tapered sides of metal baffle for BR30 and PAR30 lamps
- Two plastic removable trim rings included narrow 7.25" OD and wide oversized 8.00" OD
- · Coil spring retention

Housings		Max Lamp Compatibility
H7T	– F7TAT	75W PAR30S, 75W PAR30L.
H7TCP	L/IAI	- 65W BR30
H7RT	E7RTAT	- 03VV B1100

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6100WB White Baffle, Narrow & Wide White Trims (Included)



6100BB Black Baffle, Narrow & Wide White Trims (Included)



Dimensions** A: 5-3/4" [148mm] H: 2-7/8" [74mm] OD: 7-1/4" [184mm] Narrow OD: 8" [203mm] Wide

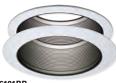
6101 Straight Metal Baffle with (2) Trim Rings

- Straight sides of metal baffle for large diameter lamps
- · Two plastic removable trim rings included narrow 7.25" OD and wide 8.00" OD
- · Coil spring retention

Housings		Max Lamp Compatibility
H7T H7RT	— E7TAT	75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30, 120W BR40,
H7TCP	E7RTAT	75W PAR30S, 75W PAR30L, 120W PAR38, 65W BR30, 120W BR40



White Baffle, Narrow & Wide White Trim (Included)



6101BB Black Baffle, Narrow & Wide White Trim (Included)



Dimensions** A: 5-5/8" [144mm] H: 2-5/8" [66mm] OD: 7-1/4" [184mm] Narrow OD: 8" [203mm] Wide

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp. **Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

6102 Tapered Metal Baffle, Self-flange

- · Contoured tapered sides of metal baffle
- · Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T H7TCP	- E7TAT	75W PAR30S, 75W PAR30L, 65W BR30
H7RT	E7RTAT	- 0300 01100

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Baffle, White Self-flange Black Baffle, White Self-flange



Dimensions** A: 5-3/8" [137mm] H: 2-5/8" [65mm] OD: 7-3/4" [197mm]

6103 Straight Metal Baffle, Self-flange

- · Straight sides of metal baffle for large diameter lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T H7RT	– E7TAT	75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30, 120W BR40
H7TCP	E7RTAT	75W PAR30S, 75W PAR30L, 120W PAR38, 65W BR30, 120W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6103RB

Dimensions** A: 5-3/8" [137mm] H: 2-5/8" [68mm] OD: 7-3/4" [197mm]

6108 Coilex® Straight Plastic Baffle, Self-flange

- Straight sides of Coilex baffle for large diameter BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	— E7TAT	75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30,
H7RT		120W BR40
Н7ТСР	E7RTAT	75W PAR30S, 75W PAR30L, 120W PAR38, 65W BR30, 120W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6108WBWhite Plastic Straight Coilex
Baffle, White Self-flange



6108BBBlack Plastic Straight Coilex
Baffle, White Self-flange



6108BKBBBlack Plastic Straight Coilex
Baffle, Black Self-flange



Dimensions**A: 5-3/8" [137mm]
H: 2-5/8" [68mm]
OD: 7-3/4" [197mm]

6109 Coilex® Tapered Baffle, Self-flange

- Contoured tapered sides of Coilex baffle for BR30 and PAR30 lamps
- · Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	- E7TAT	7514/ DA DOOG 7514/ DA DOOI
H7TCP	- E/IAI	75W PAR30S, 75W PAR30L, - 65W BR30
H7RT	E7RTAT	- 0044 01100



White Plastic Tapered Coilex Baffle, White Self-flange



6109BBBlack Plastic Tapered Coilex
Baffle, White Self-flange



6109BKBB Black Plastic Tapered Coilex Baffle, Black Self-flange



Dimensions** A: 5-3/8" [137mm] H: 2-5/8" [65mm] OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

6110 Perftex™ Baffle, Self-flange

- · Perforated pattern baffle contoured for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	E7TAT	- 75\A\ DA DOOO 75\A\ DA DOOI
H7RT	E7RTAT	 75W PAR30S, 75W PAR30L, 65W BR30
H7TCP		- 03VV D1130

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6110WB White Perftex Baffle, White Self-flange



6110BB Black Perftex Baffle, White Self-flange



6110BKBB Black Perftex Baffle, Black Self-flange



Dimensions** A: 6-5/8" [169mm] H: 2-1/8" [54mm] OD: 7-3/4" [197mm]

6125 Full Cone Baffle, Self-flange

- Full cone baffle
- · Torsion spring retention
- · Socket supporting baffle
- · Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
Н7Т	E7TAT	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 85W BR30, 120W BR40
H7RT	E7RTAT	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 100W PAR38, 85W BR30, 120W BR40
Н7ТСР		6125WB: 100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 120W PAR38, 65W BR30 6125BB, 6125BKBB: 75W A19, 150W A21, 75W PAR30S, 75W PAR30I

Compatible with Halogen, Incandescent, LED* or CFL* lamps







6125BKBB

White Baffle, White Self-flange Black Baffle, White Self-flange Black Baffle, Black Self-flange



Dimensions** A: 5-3/8" [137mm] H: 5-3/8" [138mm] OD: 7-3/4" [197mm]

6126 Shallow Full Cone Baffle, Self-flange

100W PAR38, 65W BR30

- · Shallow full cone baffle for A19 and PAR30S lamps
- · Torsion spring retention
- Socket supporting baffle
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	E7TAT	40W A19, 75W PAR30S, 75W PAR30L, 65W BR30
H7RT	E7RTAT	40W A19, 75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6126WB



6126BB

White Baffle White Self-flange Black Baffle, White Self-flange



Dimensions**

A: 5-3/8" [137mm] H: 4-3/8" [110mm] OD: 7-3/4" [197mm]

74 Eyeball 30° Tilt, Self-flange

- · Provides optimum position for PAR30S lamps
- · Torsion spring retention
- · Socket supporting eyeball

Housings		Max Lamp Compatibility
H7T	E7TAT	- 75W PAR30S
H7RT	E7RTAT	73VV PAR3US





Dimensions** A: 3-7/8" [98mm] OD: 8" [203mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

76 Gimbal 30° Tilt, Self-flange

- . For use with PAR38 lamps
- 30° tilt
- · Torsion spring retention

Housings		Max Lamp Compatibility
H7T	E7TAT	150W PAR38
H7RT	E7RTAT	(Side prong lamp
H7TCP		recommended)

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Gimbal, White Trim



Dimensions** OD: 8" [203mm]

78 Eyeball 30° Tilt, Self-flange

- 30° tilt, 360° rotation
- Torsion spring retention
- · Wide choice of finishes for any decor
- Socket supporting eyeball
- · 78PAT makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H7T	75W PAR30S, 75W PAR30L,
H7RT	65W BR30, 75W R30
H7TCP	75W PAR30S, 75W R30, 65W BR30
E7TAT	75W PAR30S, 75W PAR30L, 65W BR30
E7RTAT	50W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Eyeball, White Trim



White Eyeball, White Trim

air



Satin Nickel Eyeball, Satin Nickel Trim



Tuscan Bronze Trim

Dimensions** A: 4" [100mm] H: 4-1/8" [105mm] OD: 8" [203mm]

376 Regressed Gimbal 30° Tilt, Self-flange

75W PAR30S

50W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

• 30° tilt

Housings

H7T

H7TCP

H7RT

- · Regressed gimbal with baffle
- Torsion spring retention
- · Socket supporting gimbal

E7TAT

E7RTAT



White Baffle, White Trim



Black Baffle, White Trim



Dimensions** OD: 7-1/4" [184mm]

378 Regressed Gimbal with Splay 25° Tilt, Self-flange

Max Lamp Compatibility

- 25° tilt
- Regressed gimbal with splay trim
- Removable trim ring
- · Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- · Friction clips on trim
- · Socket supporting gimbal

Housings		Max Lamp Compatibility
H7T	E7TAT	
H7RT		75W PAR30S
H7TCP		

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Splay, White Trim



Clear Specular Splay, White Trim



Dimensions** OD: 7-1/4" [184mm]



^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

6 INCH

419 Regressed Eyeball with Splay 25°Tilt

- · Regressed eyeball with splay
- · 25° tilt, 358° rotation
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Removable trim ring
- · Socket supporting trim



White Eyeball & Splay, White Trim



Dimensions** OD: 7-1/4" [184mm]

Housings		Max Lamp Compatibility
H7T	E7TAT	
H7RT	E7RTAT	75W PAR30S
H7TCP		=
Compatibl	e with Haloge	n, Incandescent, LED* or CFL* lamps

420 Regressed Eyeball 30° Tilt, Self-flange

- · Regressed eyeball with baffle
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Socket supporting eyeball

Housings	Max Lamp Compatibility	
H7T	75W PAR30S, 75W PAR30L,	
H7RT	75W BR30	
E7TAT	- 75W PAR30S, 75W PAR30L	
E7RTAT		
Compatible wit	h Halogen, Incandescent, LED* or CFL* lamps	



420WWhite Eyeball & Baffle,
White Trim



420PWhite Eyeball & Black Baffle,
White Trim



Dimensions**A: 4" [100mm]
H: 4" [102mm]
OD: 7-1/4" [184mm]

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478 Adjustable Regressed Gimbal with Splay 25° Tilt, Self-flange

- 25° +il+
- Adjustable gimbal with splay trim for PAR38 lamps
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clips on trim
- · Socket supporting gimbal

	-	
		Proceedings
478P		

White Splay, White Trim



Friction Clips on Trim



Dimensions** OD: 7-1/4" [184mm]

js –	Max Lamp Compatibility
	- 90W PAR38
	JUVV I ANJO
	90W PAR38
E7RTAT	90W PAR38
	js E7RTAT

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6130 Eyeball 35°Tilt, Self-flange

- 35° tilt, 360° rotation
- · Adjustable eyeball trim for BR30 and PAR30 lamps
- Torsion spring retention
- Socket supporting eyeball
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	- F7TAT	75W PAR30S, 75W PAR30L,
H7TCP	= E/IAI	65W BR30
H7RT	F7RTAT	50W PAR30S, 75W PAR30L,
Π/NI E/NIAI	L/IIIAI	65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6130WH White Eyeball, White Self-flange



Dimensions** A: 3-7/8" [100mm] H: 3-7/8" [100mm] OD: 7-3/4" [197mm]

323

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

6170 Gimbal 25°Tilt, Self-flange

- 25° tilt, 360° rotation
- Adjustable gimbal for PAR38 lamps
- Torsion spring retention
- Socket supporting gimbal
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	– F7TAT	
H7TCP	L/IAI	90W PAR38
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6170WH White Gimbal, White Self-flange



6170RK Black Gimbal, Black Self-flange



6170SN Satin Nickel Gimbal, Satin Nickel Self-flange



Tuscan Bronze Gimbal, Tuscan Bronze Self-flange



Dimensions** A: 4-1/2" [113mm] H: 1-1/5" [30mm] OD: 7-3/4" [197mm]

6215 Double Gimbal 30°-50° Tilt, Self-flange

- 30°-50° tilt. 360° rotation
- 50° tilt with double gimbal design using compound angles
- Double gimbal for PAR30 lamps
- · Torsion spring retention
- Shallow housings are compatible with PAR30S (short-neck) lamps
- Socket supporting gimbal
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	— F7TAT	
H7TCP	- E/IAI	75W PAR30S, 75W PAR30L
H7RT	F7RTAT	_

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6215WH White Gimbal, White Self-flange



6215BK Black Gimbal, Black Self-flange



Satin Nickel Gimbal, Satin Nickel Self-flange



Tuscan Bronze Gimbal, Tuscan Bronze Self-flange



Dimensions** A: 3-3/8" [84mm] H: 2" [51mm] OD: 7-3/4" [197mm]

6222 Regressed Angle Cut Adjustable Gimbal, 45° Tilt, Self-flange

- 45° tilt, 360° rotation
- Fully regressed gimbal self-flange ring
- · Torsion spring retention
- Socket supporting gimbal
- Reflector and baffle options
- · Accommodates tilt of gimbal in a full regressed cut cone

E7TAT

E7RTAT

Housings

H7T

H7TCP

Self-flange trim ring sized to hide gaps caused by construction tolerances



White Baffle, White Trim



6222BB Black Baffle, White Trim



6222SC Specular Clear Reflector, White Trim



6222H Haze Reflector, White Trim



Dimensions** A: 3-3/4" [95mm] H: 5-3/8" [137mm] OD: 7-3/4" [197mm]

Compatible with Halogen, Incandescent, LED* or CFL* lamps

Max Lamp Compatibility

60W PAR16, 50W PAR20,

75W PAR30S, 75W PAR30L

70 Albalite Glass Lens

- · White trim, glass Albalite lens
- · PS version features "dead-front" construction and is wet location listed for use in showers
- Non-conductive, non-corrosive polymer (plastic) trim ring
- Torsion spring retention

Housings		Max Lamp Compatibility	
H7T H7TCP	– E7TAT	60W A19	
H7RT	E7RTAT	•	
Compatibl	e with Haloge	n, Incandescent, LED* or CFL* lamps	









Dimensions** OD: 8" [203mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

71 Drop Opal Glass Lens

- · White trim, drop opal glass lens
- PS version features "dead-front" construction and is wet location listed for use in showers
- · Non-conductive, non-corrosive polymer (plastic) trim ring
- Torsion spring retention

Housings		Max Lamp Compatibility
H7T	— E7TAT	
H7TCP	LITAI	60W A19
H7RT	E7RTAT	-
0	50.000	

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Drop Opal Glass Lens,

White Trim



Trim, Wet Location





Dimensions** OD: 8" [203mm]

73 Fresnel Glass Lens

- White trim with glass Fresnel lens
- PS version features "dead-front" construction and is wet location listed for use in showers
- · Non-conductive, non-corrosive polymer (plastic) trim ring
- · Torsion spring retention

Housings		Max Lamp Compatibility
H7T	- E7TAT	
H7TCP E7TAI		60W A19
H7RT	E7RTAT	_

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Fresnel Glass Lens, White Trim

Albalite Lens, White Trim



Fresnel Glass Lens, White Trim Wet Location





Dimensions** OD: 8" [203mm]

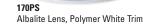
170 Albalite Lens with Reflector

- · White trim with Albalite glass lens
- · PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- · PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- · PS version is Air-Tite; making any installation Air-Tite

Housings		Max Lamp Compatibility
H7T	E7TAT	CO/A/ A 10
H7RT	E7RTAT	- 60W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps









Dimensions** H: 4" [102mm] OD: 8" [203mm]

171 Drop Opal Glass Lens with Reflector

- White trim with drop opal glass lens
- · PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- · Torsion spring retention
- · PS version is Air-Tite; making any installation Air-Tite

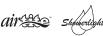
Housings		Max Lamp Compatibility	
H7T	E7TAT	- 60W A19	
H7RT	E7RTAT	- 60VV A19	
Compatib	le with Haloge	n, Incandescent, LED* or CFL* lamps	



Drop Opal Lens, White Trim



Drop Opal Lens, White Polymer Trim





Dimensions** H: 4" [102mm] OD: 8" [203mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

172 Dome Glass Lens with Reflector





- Frosted glass dome
- · Features "dead-front" construction and is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- Torsion spring retention
- Air-Tite trim makes any installation Air-Tite

Housings		Max Lamp Compatibility
H7T	E7TAT	100W A19, 75W PAR30S
H7RT	E7RTAT	60W A19, 50W PAR30S



Frosted Glass Dome.

White Polymer Trim



Tuscan Bronze Polymer Trim

Frosted Glass Dome.



Dimensions** H: 2-1/8" [54mm] OD: 7-3/4" [197mm]

H7T	E7TAT	100W A19, 75W PAR30S
H7RT	E7RTAT	60W A19, 50W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

173 Fresnel Lens with Reflector

- White trim with glass Fresnel lens
- PS version is "dead-front" construction and is wet location listed for use in showers
- · PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings		Max Lamp Compatibility
H7T	E7TAT	CO/M/ A 1 O
H7RT	E7RTAT	- 60W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps



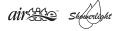






Dimensions** H: 4" [102mm] OD: 8" [203mm]

Fresnel Lens, White Polymer Trim



6145 Open Wet Location, Shallow Reflector, Self-flange



- Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	– F7TAT	75/A/ DA DOOG 75/A/ DA DOO!
H7TCP	- E/IAI	75W PAR30S, 75W PAR30L, 150W PAR38
H7RT	E7RTAT	- 130VV 1 A1100

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Shallow Reflector, White Self-flange





Satin Nickel Self-flange



Tuscan Bronze Self-flange



Dimensions** A: 5-3/8" [136mm] D: 7/8 [22mm] H: 4-7/8" [123mm] OD: 7-3/4" [197mm]

6146 Open Wet Location, Full Reflector Self-flange

- Open wet location Showerlight for PAR30S and PAR30L outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	E7TAT	75W PAR30S, 75W PAR30L,
H7RT	E7RTAT	150W PAR38
Н7ТСР		6146WH: 75W PAR30S, 75W PAR30L, 120W PAR38 6146SN, 6146TBZ: 75W PAR30S, 75W PAR30L, 100W PAR38

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6146WH White Reflector, White Self-flange





6146SN Satin Nickel Reflector, Satin Nickel Self-flange



Lamp Gasket (Included)



6146TBZ Tuscan Bronze Reflector, Tuscan Bronze Self-flange



Dimensions** A: 5-3/8" [137mm] H: 5-3/8" [138mm] OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

6150 Low Profile, Frosted Glass Dome Lens, Self-flange



- · Low profile, frosted glass dome lens
- · Wet location Showerlight
- Torsion spring retention
- · Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- · Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T H7TCP	— E7TAT	60W A19, 60W PAR30S
H7RT	E7RTAT	-

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6150WH

Frosted Glass Dome Lens with Reflector, White Plastic Self-flange



6150SN

Frosted Glass Dome Lens with Reflector, Satin Nickel Plastic Self-flange



6150TBZ

Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions**

A: 5-1/8" [130mm] H: 4-1/2" [107mm] OD: 7-3/4" [197mm]

6160 Drop White Plastic Lens, Self-flange



- · Non-conductive "dead-front" polymer (plastic) trim and lens
- · Torsion spring retention



Max Lamp Compatibility Housings H7T

E7TAT 60W A19, 39W PAR30S H7TCP H7RT E7RTAT

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Drop White Plastic Lens, White Plastic Self-flange



Dimensions**

A: 5-1/8" [130mm] H: 2-1/4" [57mm] OD: 7-3/4" [197mm]

6230 Squircle Frost Glass Lens, Metal Trim, Self-flange



· Wet location Showerlight

E7TAT

E7RTAT

Torsion spring retention

Housings

H7T

H7RT

H7TCP

- Self-flange low profile metal trim ring
- Socket supporting internal bracket
- Integral rotation adjustment up to +/- 25° for precise alignment with room

6230AH	62

Frost Glass Lens, Aluminum Haze Squircle Trim



230PN

Frost Glass Lens, Polished Nickel Squircle Trim



6230SN

Frost Glass Lens, Satin Nickel Squircle Trim



Dimensions**

A: 6" [152mm] H: 4-1/4" [109mm] D: 3/4" [20mm] OD: 7-1/4" [185mm]

6255 Soft Square, Frost Curved Glass Lens, Self-flange

Max Lamp Compatibility

72W A19, 75W PAR30S

60W A19, 75W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps



- Wet location Showerlight
- Torsion spring retention
- Integral adjustment up to 90° for precise alignment to room
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Integral rotation adjustment up to +/-25° for precise alignment with room
- Integrated socket supporting reflector for even illumination across lens corner-to-corner

6255WH

Frost Curved Glass Lens with Reflector, White Plastic Self-flange



6255SN

Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange



6255TR7

Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions**

A: 5-7/8" [149mm] D: 1" [25mm] H: 4-1/2" [114mm] OD: 7-5/8" [194mm]

Housings		Max Lamp Compatibility
H7T	E7TAT	
H7RT	F7RTAT	72W A19 75W PAR30S

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

Open, Splay & Wall Wash · ·

79 Pinhole Trim

- 1-7/8" open pinhole for R20 lamp
- · Torsion spring retention

Housings	Max Lamp Compatibility	
H7T	50W PAR20, 50W PAR30S, 50W R20	
H7TCP	60W A19	
E7TAT	50W PAR20, 50W PAR30S	
Compatible with Halogen, Incandescent, LED* or CFL* lamps		





Dimensions** OD: 8" [203mm]

300 Open Trim with Fixed Socket Bracket

- Open trim for BR30 and PAR30 lamps
- Torsion spring retention
- Socket supporting internal bracket

Housings	Max Lamp Compatibility
Н7Т	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E7TAT	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



300P Socket Bracket with White Open Trim



300SN Socket Bracket with Satin Nickel Open Trim



300TBZ Socket Bracket with Tuscan Bronze Open Trim



Dimensions** A: 4-3/4" [122mm] H: 4-3/4" [122mm] OD: 7-1/4" [184mm]

301 Open Trim

- Open trim for BR30, R30, and PAR30 lamps
- · Coil spring retention

Housings		Max Lamp Compatibility
H7T H7TCP	E7TAT	75W PAR30S, 75W R30, 65W BR30
H7RT	E7RTAT	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Open Trim



Satin Nickel Open Trim



Tuscan Bronze Open Trim

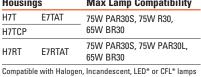


Dimensions** OD: 7-1/4" [184mm]

328 White Splay Trim

- Splay trim for BR30 and PAR30 lamps
- Coil spring retention

Housings		Max Lamp Compatibility
H7T	E7TAT	75W PAR30S, 75W R30,
H7TCP		65W BR30
H7RT	F7RTAT	75W PAR30S, 75W PAR30L,
п/пі	E/NIAI	65W BR30





328P White Splay Trim



Dimensions** A: 3-7/8" [98mm] OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

401 Open Trim

- . Open trim for BR40 and R40 lamps
- · Coil spring retention

Housings		Max Lamp Compatibility
H7T	H7RT	- 120W BR40, 150W R40
H7TCP		120VV DN40, 130VV N40
E7TAT	E7RTAT	120W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Open Trim



Satin Aluminum Open Trim



Dimensions** OD: 8" [203mm]

428 White Splay Trim

- · Splay trim for BR40 and R40 lamps
- · Coil spring retention

Housings		Max Lamp Compatibility	
H7T	H7RT	- 120W BR40, 150W R40	
H7TCP		- 120VV DN40, 130VV N40	
E7TAT	E7RTAT	120W BR40	
0 .:1			

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Splay Trim



Dimensions** OD: 7-3/4" [197mm]

303 Wall Wash with Scoop

- · Designed to spread light close to ceiling
- · Coil spring retention

Housings		Max Lamp Compatibility
H7T H7TCP	— E7TAT	60W A19
H7RT	E7RTAT	
0		

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Wall Wash, White Trim



Dimensions** OD: 8" [203mm]

424 Open Wall Wash / Reflector Downlight

· Designed to spread light on cabinets or wall close to ceiling and provide downlighting on counters

Housings		Max Lamp Compatibility
H7T	F7TAT	
H7TCP	E/ IAI	100W A19
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps



424P Open Wall Wash and Downlight, White Trim



Dimensions** OD: 7-1/4" [184mm]

425 Wall Wash with Coilex® Baffle and Scoop Reflector

- Black or white phenolic Coilex baffle with scoop reflector
- Designated to spread light close to ceiling
- · Coil spring retention

Housing	gs	Max Lamp Compatibility
H7T	– F7TAT	
H7TCP	- E/IAI	60W A19
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps





Dimensions** OD: 7-1/4" [184mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

430 Wall Wash with Baffle & Full Reflector



- Black or white step baffle with full reflector
- Designed to spread light close to the ceiling to eliminate the "cave effect"
- Torsion spring retention
- · Makes installation Air-Tite regardless of housi

sing used	430W White Baffle, White Trim



Black Baffle, White Trim



Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

Housings Max Lamp Compatibility 90W TB19, 100W A19, H7T 100W BT15, 100W MB19 E7TAT 100W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

Low Voltage · · · · · · · · ·

1412 Low Voltage Adjustable Spot 30° Tilt

- Low voltage trim
- Includes 120V transformer for retrofit to H7T and H7RT housings
- Torsion spring retention

Housings		Max Lamp Compatibility	
H7T	E7TAT	E0/M/ 12// M/D16	
H7RT		— 50W 12V MR16	

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Lampholder & Baffle,



Black Lampholder & Baffle, White Trim



Dimensions** A: 1-3/4" [44mm] OD: 7-1/4" [184mm]

1416 Low Voltage Specular Reflector 30° Tilt

- · Low voltage trim
- · Includes 120V transformer for retrofit to H7T and H7RT housings
- Torsion spring retention

Housings		Max Lamp Compatibility
H7T	E7TAT	50W 12V MR16

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Clear Specular Reflector, White Trim



Dimensions** OD: 7-1/4" [184mm]

1417 Low Voltage Eyeball with Baffle 30° Tilt

- · Low voltage trim
- Includes 120V transformer for retrofit to H7T and H7RT housings
- · Torsion spring retention

Housings		Max Lamp Compatibility
H7T	E7TAT	- 50W 12V MR16
H7RT	H7TCP	- 2000 120 MILIO
Compatib	le with Haloge	en, Incandescent, LED* or CFL* lamps



White Eyeball and White Baffle, White Trim



1417BA White Eyeball and Black Baffle, White Trim



Dimensions** OD: 7-1/4" [184mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

1416 Low Voltage Baffle 30° Tilt

- · Low voltage trim
- Includes 120V transformer for retrofit to H7T and H7RT housings
- · Torsion spring retention

Housings Max Lamp Compatibility H7T E7TAT 50W 12V MR16 H7RT

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Baffle, White Trim





Dimensions** OD: 7-1/4" [184mm]

1450 Low Voltage Slot Aperture 30° Tilt

- Low voltage trim
- · Includes 120V transformer for retrofit to H7T and H7RT housings
- Torsion spring retention

Toroion opining rotorition		
Housings	Max Lamp Compatibility	
H7T	F0\\\ 10\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
H7RT	- 50W 12V MR16	
Compatible with	Halogen, Incandescent, LED* or CFL* lamps	



White Trim



Dimensions** OD: 7-1/4" [184mm]

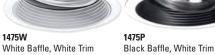
1475 Low Voltage Adjustable Accent 30° Tilt

- · Low voltage trim
- Includes 120V transformer for retrofit to H7T and H7RT housings
- · Torsion spring retention

Housing	js	Max Lamp Compatibility
H7T	E7TAT	50W PAR36 low voltage
H7RT	E7RTAT	- 50VV FANSO IOW VOILage

Compatible with Halogen, Incandescent, LED* or CFL* lamps







Dimensions** OD: 7-1/4" [184mm]

1479 Low Voltage Pinhole Trim

- · Low voltage trim
- · Includes 120V transformer for retrofit to H7T and H7RT housings
- Torsion spring retention

Housings		Max Lamp Compatibility
H7T	H7RT	
H7TCP		50W 12V MR16
E7TAT	E7RTAT	-
Compatible with Halogen, Incandescent, LED* or CFL* lamps		



Black Baffle, White Trim



Dimensions** A: 1-7/8" [48mm] OD: 8" [203mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

E26 Screw Base Non-IC Housing - No Socket Bracket

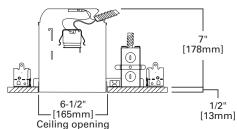
H7TNB

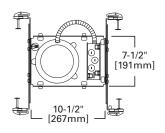


6" Non-IC, New Construction Housing, No Socket Bracket, 120V

The H7 recessed housing is the standard in the industry for both light commercial and residential applications. H7 series features full-frame design, robust construction, feed-through listing, Got Nail! bar hangers; and may support use of higher wattage lamps. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. The H7TNB is for use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3" from all sides of housing. May be retrofit with compatible Halo LED lighting systems.

The H7TNB can save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate and the fixed lamp position of socket supporting trims saves on lamp adjustment time too.









Special Features

Got Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Slide-N-Side™ junction box Quick Connect™ push wire nuts

Compatible Socket Supporting Trims

30⁰	171⁰	405	4051	6130	6215
74	1720	419	61200	6145	6222
76	173°	420	61210	6146	6230
78⁰	376	4300	61250	6150	6255
170°	378	478	61260	6170	30SBAT ⁰



UL) us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

§ Air-Tite trims can make the H7TNB installation ASTM E283 compliant (in an Non-Insulated ceiling)

Features

Housing

- · Single wall die-stamped CRS housing
- · White housing paint finish

Plaster Frame

- · Galvanized steel construction
- The housing can be removed from plaster frame to provide access to the junction box
- Housing adjusts in plaster frame to accommodate ceilings up to 1-3/8" thick
- Plaster frame features include:
 - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
 - · Cutouts for easily crimping hanger bars in position
 - Halo name embossed on plaster frame

Includes:

- Got Nail![™] bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru[™] (Details Pg. 13)
- Slide-N-Side[™] junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)

Socket

- · Porcelain socket with nickel plated brass screw shell
- Snap-in socket speeds installation and attaches directly to the trim for consistent lamp positioning
- · Overspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- · RoHS compliant
- · IP rated (Improper Lamp)

Halo Recessed Catalog - 6" Recessed Downlighting

E26 Screw Base Non-IC Housing - No Socket Bracket

6 INCH

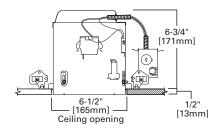
E7TATNB

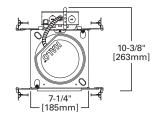


6" Non-IC, Air-Tite, New Construction Housing, No Socket Bracket, 120V

The E7TATNB is a compact and efficient recessed Non-IC housing optimized and listed for EISA compliant tungsten-halogen, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial applications. For installation in non-insulated ceilings. If ceiling insulation is present, it must be kept 3" from all sides of housing. Housing features Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor.

The E7TATNB can save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate, and the fixed lamp position of the socket supporting trims saves on a lamp adjustment time too. May be retrofit with compatible Halo LED lighting systems.











Special Features

All-Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Hinged j-box with Slide-N-Side™ Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Socket Supporting Trims

30	171	405	4051	6130	6215
74	172	419	6120	6145	6222
76	173	420	6121	6146	6230
78	376	430	6125	6150	6255
170	378	478	6126	6170	30SBAT



us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- · Single wall die-formed housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, frame and finished ceiling - without need for additional caulk
- May be removed from the plaster frame to provide access to junction box

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame

- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" - 1" ceiling thickness.
- (2) Regressed locking screws for securing hanger bars

Includes:

- All-Nail![™] bar hangers (Details Pg. 15)
- q-Channel bars with Pass-N-Thru[™] (Details Pg. 15)
- Hinged junction box with Slide-N-Side[™] (Details Pg. 15)
- Quick Connect™ push wire nuts (Details Pg. 15)
- Air-Tite[™] code compliant (Details Pg. 15)

Socket

- Porcelain socket with nickel plated brass screw shell
- Snap-in socket speeds installation and attaches directly to the trim for consistent lamp positioning
- · Shipped with socket overspray protector installed

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- · RoHS compliant

Non-IC "NB" Housings: H7TNB • E7TATNB

Reflectors

30 Reflector, Self-flange



- · Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used
- Socket supporting reflector

Housings	Max Lamp Compatibility
H7TNB	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 85W BR30, 100W R30
E7TATNB	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Haze Reflector, White Trim



30RGAT Residential Gold Reflector, White Trim



30CAT Clear Specular Reflector, White Trim



Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

30SBAT Reflector, Self-flange

- Self-flange reflector with torsion spring retention
- · Accepts a wide range of lamps
- · Makes installation Air-Tite regardless of housing used
- · Socket supporting reflector



30SBAT

Specular Black Reflector & Trim



Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

Housings **Max Lamp Compatibility** 100W A19, 150W A21, 75W PAR30S, H7TNB 150W PAR38, 85W BR30, 100W R30 100W A19, 150W A21, 75W PAR30S, F7TATNB 75W PAR30L, 150W PAR38, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

405 Specular Full Cone Reflector

- · Full reflector for use with A-lamps
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

150W A21

- · Friction clip retention on housing plaster ring
- · Removable trim ring

Housings

H7TNB

E7TATNB

· Socket supporting reflector

		12
CI	4	10

Clear Specular Reflector, White Trim



Friction Clips install on housing plaster ring



Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

4051 White Full Cone Reflector, Self-flange

Compatible with Halogen, Incandescent, LED* or CFL* lamps

Max Lamp Compatibility

- · Full reflector for use with A-lamps
- · Friction clip retention on housing plaster ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- · Socket supporting reflector

/051D	

White Reflector, White Self-flange



Friction Clips install on housing plaster ring



Dimensions** H: 6" [152mm] OD: 7-1/4" [184mm]

Housings **Max Lamp Compatibility** H7TNB 150W A21 E7TATNB Compatible with Halogen, Incandescent, LED* or CFL* lamps

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC "NB" Housings: H7TNB • E7TATNB

6120 Full Cone Reflector, Self-flange



- · Full cone reflector
- · Torsion spring retention
- · Socket supporting reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- Makes installation Air-Tite regardless of housing used

• Housings		Max Lamp Compatibility
H7TNB	E7TATNB	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 85W BR30, 120W BR40
Compatible with Halogen, Incandescent, LED* or CFL* lamps		





Satin Nickel Reflector, Satin Nickel Self-flange



Tuscan Bonze Reflector, Tuscan Bronze Self-flange



Dimensions** A: 5-3/8" [137mm] H: 5-3/8" [138mm] OD: 7-3/4" [197mm]

6121 Shallow Full Cone Reflector, Self-flange

- Shallow full cone reflector
- Torsion spring retention
- · Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7TNB	E7TATNB	40W A19, 75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6121WH White Reflector, White Self-flange



Dimensions** A: 5-3/8" [137mm] H: 4-3/8" [110mm] OD: 7-3/4" [197mm]

30 Baffle, Self-flange

- · Self-flange metal baffle with upper reflector
- · Socket supporting baffle
- · Torsion spring retention
- Accepts a wide range of lamps
- · Makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H7TNB	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 85W BR30, 100W R30
E7TATNB	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



30WAT White Baffle & Reflector, White Trim



30WATH



30PAT White Baffle & Clear Reflector, Black Baffle & Clear Reflector, White Trim





30SNAT Satin Nickel Baffle & Reflector, Satin Nickel Trim



Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]



Tuscan Bronze Baffle & Reflector, Tuscan Bronze Trim

6125 Full Cone Baffle, Self-flange



• Torsion spring retention

Socket supporting baffle

Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7TNB	E7TATNB	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 85W BR30, 120W BR40



White Baffle, White Self-flange Black Baffle, White Self-flange Black Baffle, Black Self-flange





6125BKBB



Dimensions** A: 5-3/8" [137mm] H: 5-3/8" [138mm] OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC "NB" Housings: H7TNB • E7TATNB

6126 Shallow Full Cone Baffle, Self-flange



- Shallow full cone baffle
- Torsion spring retention
- Socket supporting baffle
- Self-flange trim ring sized to hide gaps caused by construction tolerances





Dimensions** A: 5-3/8" [137mm] H: 4-3/8" [110mm] OD: 7-3/4" [197mm]

Housings	Max Lamp Compatibility	
	40\A/ A10 75\A/ DAD20C	

H7TNB E7TATNB 75W PAR30L, 65W BR30 Compatible with Halogen, Incandescent, LED* or CFL* lamps

74 Eyeball 30° Tilt, Self-flange

- Provides optimum position for PAR30S lamps
- · Torsion spring retention
- · Socket supporting eyeball

Housings	Max Lamp Compatibility
H7TNB	- 75W PAR30S
E7TATNB	- 75VV PAR3US

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Eyeball, White Trim



Dimensions** A: 3-7/8" [98mm] OD: 8" [203mm]

76 Gimbal 30° Tilt, Self-flange

- For use with PAR38 lamps

E7TATNB

30° tiltTorsion sp	ring retention	1
Housings	Max Lamp Compatibility	76P White Gimbal, White Trim
H7TNB	150W PAR38	- vvinte diinbai, vvinte iriin



Dimensions** OD: 8" [203mm]

78 Eyeball 30° Tilt, Self-flange

Compatible with Halogen, Incandescent, LED* or CFL* lamps

(Side prong lamp recommended)

- 30° tilt, 360° rotation
- Torsion spring retention
- · Wide choice of finishes for any decor
- Socket supporting eyeball
- 78PAT makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H7TNB	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E7TATNB	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Eyeball, White Trim



White Eyeball, White Trim

air



Satin Nickel Eyeball, Satin Nickel Trim



Tuscan Bronze Eyeball, Tuscan Bronze Trim



Dimensions** A: 4" [100mm] H: 4-1/8" [105mm] OD: 8" [203mm]

376 Regressed Gimbal 30° Tilt, Self-flange

- 30° tilt
- · Regressed gimbal with baffle
- Torsion spring retention
- Socket supporting gimbal

	·			
Housings	Max Lamp Compatibility			
H7TNB	75\A/ DA D200			
E7TATNB	- 75W PAR30S			
Compatible wit	h Halogen, Incandescent, LED* or CFL* lamps			



White Baffle, White Trim



Black Baffle, White Trim



Dimensions** OD: 7-1/4" [184mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC "NB" Housings: H7TNB • E7TATNB

378 Regressed Gimbal with Splay 25° Tilt, Self-flange

- · Regressed gimbal with splay trim
- · Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- · Friction clips on trim
- · Socket supporting gimbal

Housings Max Lamp Compatibility H7TNB 75W PAR30S E7TATNB

Compatible with Halogen, Incandescent, LED* or CFL* lamps





Clear Specular Splay, White Trim



Dimensions** OD: 7-1/4" [184mm]

Friction Clips on Trim

White Splay, White Trim

419 Regressed Eyeball with Splay 25° Tilt

- · Regressed eyeball with splay
- 25° tilt. 358° rotation
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- · Removable trim ring
- · Socket supporting trim



White Eyeball & Splay, White Trim



Dimensions** OD: 7-1/4" [184mm]

Max Lamp Compatibility Housings

H7TNB 75W PAR30S **E7TATNB**

Compatible with Halogen, Incandescent, LED* or CFL* lamps

420 Regressed Eyeball 30° Tilt, Self-flange

Max Lamp Compatibility

75W PAR30S, 75W PAR30L,

75W PAR30S, 75W PAR30L Compatible with Halogen, Incandescent, LED* or CFL* lamps

- · Regressed eyeball with baffle
- · Removable trim ring
- · Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

60W BR30

Socket supporting eyeball

1000	1
(100	
//20W/	

White Eyeball & Baffle, White Trim



White Eyeball & Black Baffle, White Trim



Dimensions** A: 4" [100mm] H: 4" [102mm] OD: 7-1/4" [184mm]

478 Adjustable Regressed Gimbal with Splay 25° Tilt, Self-flange

Housings

H7TNB

E7TATNB

- Adjustable gimbal with splay trim for PAR38 lamps
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clips on trim









Dimensions** OD: 7-1/4" [184mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp. **Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC "NB" Housings: H7TNB • E7TATNB

6130 Eyeball 35° Tilt, Self-flange

- 35° tilt, 360° rotation
- Adjustable eveball trim for BR30 and PAR30 lamps
- Torsion spring retention
- Socket supporting eyeball
- Self-flange trim ring sized to hide gaps caused by construction tolerances





Dimensions** A: 3-7/8" [100mm] H: 3-7/8" [100mm] OD: 7-3/4" [197mm]

Max Lamp Compatibility Housings

75W PAR30S, 75W PAR30L, H7TNB E7TATNB 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6170 Gimbal 25°Tilt, Self-flange

- 25° tilt, 360° rotation
- Adjustable gimbal for PAR38 lamps
- Torsion spring retention
- · Socket supporting gimbal
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp	Compatibility
H7TNB	E7TATNB	90W PAR38	

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6170WH White Gimbal, White Self-flange



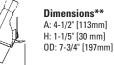
6170BK Black Gimbal, Black Self-flange



6170SN Satin Nickel Gimbal, Satin Nickel Self-flange



Tuscan Bronze Gimbal, Tuscan Bronze Self-flange



6215 Double Gimbal 30°-50° Tilt, Self-flange

- 30°-50° tilt, 360° rotation
- 50° tilt with double gimbal design using compound angles
- · Double gimbal for PAR30 lamps
- · Torsion spring retention
- Shallow housings are compatible with PAR30S (short-neck) lamps
- Socket supporting gimbal

Housings

H7TNB

Self-flange trim ring sized to hide gaps caused by construction tolerances







Black Self-flange



6215SN Satin Nickel Gimbal, Satin Nickel Self-flange



Tuscan Bronze Gimbal, Tuscan Bronze Self-flange



Dimensions** A: 3-3/8" [84mm] H: 2" [51mm] OD: 7-3/4" [197mm]

6222 Regressed Angle Cut Adjustable Gimbal, 45° Tilt, Self-flange

Max Lamp Compatibility

E7TATNB 75W PAR30S, 75W PAR30L

Compatible with Halogen, Incandescent, LED* or CFL* lamps

- 45° tilt, 360° rotation
- Fully regressed gimbal self-flange ring
- Torsion spring retention
- · Socket supporting gimbal
- · Reflector and baffle options
- Accommodates tilt of gimbal in a full regressed cut cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances





6222RR Black Baffle, White Trim



6222SC Specular Clear Regressed White Trim



6222H Haze Reflector, White Trim



Dimensions** A: 3-3/4" [95mm] H: 5-3/8" [137mm] OD: 7-3/4" [197mm]

H7TNB E7TATNB 75W PAR30S, 75W PAR30L

- *UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
- **Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Housings Max Lamp Compatibility 60W PAR16, 50W PAR20,

Non-IC "NB" Housings: H7TNB • E7TATNB

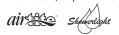
Lenses & Wet Location Showerlights...

170 Albalite Lens with Reflector

- White trim with Albalite glass lens
- · PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- · PS version is Air-Tite; making any installation Air-Tite

Housings	Max Lamp Compatibility			
H7TNB	CO/M/ A 10			
E7TATNB	— 60W A19			
Compatible	h Halagan Incondessant I ED* or CEI * Iamna			







Dimensions** H: 4" [102mm] OD: 8" [203mm]

171 Drop Opal Glass Lens with Reflector

- White trim with drop opal glass lens
- · PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- · Torsion spring retention
- · PS version is Air-Tite; making any installation Air-Tite





Drop Opal Lens, White Trim



Drop Opal Lens, White Polymer Trim





Dimensions** H: 4" [102mm] OD: 8" [203mm]

172 Dome Glass Lens with Reflector

- · Frosted glass dome
- · Features "dead-front" construction and is wet location listed for use in showers
- · Non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- Torsion spring retention
- · Air-Tite trim makes any installation Air-Tite

Housings	Max Lamp Compatibility
H7TNB	100W A19, 75W PAR30S
E7TATNB	100VV A19, 75VV PAR305

Compatible with Halogen, Incandescent, LED* or CFL* lamps



172PS Frosted Glass Dome, White Polymer Trim



Frosted Glass Dome, Tuscan Bronze Polymer Trim



Dimensions** H: 2-1/8" [54mm] OD: 7-3/4" [197mm]

173 Fresnel Lens with Reflector

- White trim with glass Fresnel lens
- · PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- · PS version is "dead-front" construction and is wet location listed for use in showers
- · Torsion spring retention
- · PS version is Air-Tite; making any installation Air-Tite

Housings	Max Lamp Compatibility
H7TNB	- 60W A19
E7TATNB	600V AI9
Compatible with	Halogen, Incandescent, LED* or CFL* lamps



Fresnel Lens, White Trim



173PS Fresnel Lens, White Polymer Trim





Dimensions** H: 4" [102mm] OD: 8" [203mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC "NB" Housings: H7TNB • E7TATNB

6145 Open Wet Location, Shallow Reflector, Self-flange

- Open wet location shallow Showerlight for PAR30S and PAR38 outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings Max Lamp Compatibility 75W PAR30S, 75W PAR30L, H7TNB E7TATNB 150W PAR38

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6145WH

White Shallow Reflector, White Self-flange

> Outdoor **Rated Lamp** ONLY



6145SN

Satin Nickel Shallow Reflector, Satin Nickel Self-flange



Lamp Gasket (Included)



6145TR7

Tuscan Bronze Shallow Reflector, Tuscan Bronze Self-flange



Dimensions**

A: 5-3/8" [136mm] D: 7/8 [22mm] H: 4-7/8" [123mm] OD: 7-3/4" [197mm]

6146 Open Wet Location, Full Reflector Self-flange

- Open wet location Showerlight for PAR30S and PAR30L outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Max Lamp Compatibility Housings

75W PAR30S, 75W PAR30L, H7TNB E7TATNB 150W PAR38

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6146WH

White Reflector, White Self-flange





6146SN

Satin Nickel Reflector, Satin Nickel Self-flange



Lamp Gasket (Included)



6146TBZ

Tuscan Bronze Reflector, Tuscan Bronze Self-flange



Dimensions**

A: 5-3/8" [137mm] H: 5-3/8" [138mm] OD: 7-3/4" [197mm]

6150 Low Profile, Frosted Glass Dome Lens, Self-flange

- · Low profile, frosted glass dome lens
- · Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings Max Lamp Compatibility E7TATNB 60W A19, 60W PAR30S H7TNB Compatible with Halogen, Incandescent, LED* or CFL* lamps



6150WH

Frosted Glass Dome Lens with Reflector, White Plastic Self-flange



6150SN

Frosted Glass Dome Lens with Reflector, Satin Nickel Plastic Self-flange



6150TBZ

Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions**

A: 5-1/8" [130mm] H: 4-1/5" [107mm] OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC "NB" Housings: H7TNB • E7TATNB

6 INCH

6230 Squircle Frost Glass Lens, Metal Trim, Self-flange

- · Low profile frost glass lens
- · Wet location Showerlight
- Torsion spring retention
- · Self-flange low profile metal trim ring
- Socket supporting internal bracket
- Integral rotation adjustment up to +/- 25° for precise alignment with room

HOUSINGS Max Lamp Compatibility
H7TNB E7TATNB 72W A19, 75W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6230AHFrost Glass Lens, Aluminum
Haze Squircle Trim



6230PNFrost Glass Lens, Polished
Nickel Squircle Trim



Frost Glass Lens, Satin Nickel Squircle Trim



Dimensions**A: 6" [152mm]
H: 4-1/4" [109mm]
D: 3/4" [20mm]
OD: 7-1/4" [185mm]

6255 Soft Square, Frost Curved Glass Lens, Self-flange

- · Low profile curved frost glass lens
- · Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Integral rotation adjustment up to +/- 25° for precise alignment with room
- Integrated socket supporting reflector for even illumination across lens corner-to-corner

HOUSINGS Max Lamp Compatibility
H7TNB E7TATNB 72W A19, 75W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6255WH

Frost Curved Glass Lens with Reflector, White Plastic Self-flange



6255SN

Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange



6255TBZ

Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions**
A: 5-7/8" [149mm]
D: 1" [25mm]
H: 4-1/2" [114mm]

OD: 7-5/8" [194mm]

430 Wall Wash with Baffle & Full Reflector

- · Black or white step baffle with full reflector
- Designed to spread light close to the ceiling to eliminate the "cave effect"
- Torsion spring retention
- Makes installation Air-Tite regardless of housing used



430WWhite Baffle, White Trim



Black Baffle, White Trim



Dimensions** H: 5" [127mm] OD: 7-1/4" [184mm]

Housings Max Lamp Compatibility H7TNB 100W A19, 90W TB19, 100W BT15, 100W MB19 E7TATNB 100W A19

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

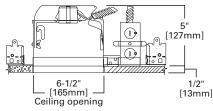
^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

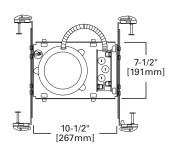
H27T



6" Non-IC, Shallow New Construction Housing, 120V

The H27T recessed housing is designed for shallow ceilings and is a standard in the industry for both light commercial and residential applications. H27 series features robust construction, feed-through listing, Got Nail! bar hangers; and may support use of higher wattage lamps. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. The H27T is for use in non-insulated shallow ceilings. If ceiling insulation is present, it must be kept 3" from all sides of housing. May be retrofit with compatible Halo LED lighting systems.









Special Features

Got Nail!™ bar hangers q-Channel bars with Pass-N-Thru™ Slide-N-Side™ junction box Quick Connect™ push wire nuts

Compatible Trims

70	171	353	6100	6108	6145	
71	172◊	376	6101	6109	6150	
73	173	378	6102	6110	6160	
74	301	419	6103	61210	6215	
78⁰	310	420	6106	6126°	6230	
79	328	426	6107	6130	6255	
170		4261				



Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

♦ Air-Tite trims can make the H27T installation ASTM E283 compliant (in a non-insulated ceiling)

Features

Housing

- Single wall die-stamped CRS housing
- White housing paint finish

Plaster Frame

- · Galvanized steel construction
- The housing can be removed from plaster frame to provide access to the junction box
- Housing adjusts in plaster frame to accommodate ceilings up to 1-3/8" thick
- · Plaster frame features include:
 - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
 - Cutouts for easily crimping hanger bars in position
 - · Halo name embossed on plaster frame

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Includes:

- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru[™] (Details Pg. 13)
- Slide-N-Side[™] junction box wire traps (Details Pg. 13)
- Quick Connect[™] push wire nuts (Details Pg. 13)

Socket

Halo Recessed Catalog - 6" Recessed Downlighting

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- RoHS compliant
- IP rated (Improper Lamp)

6 INCH

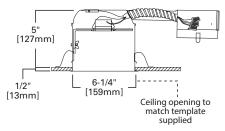
H27R1

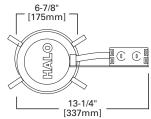


H27RT

6" Non-IC, Shallow Remodel Housing, 120V

The H27RT recessed remodel housing is designed for shallow ceilings and is a standard in the industry for both light commercial and residential applications. H27 series shallow remodel housing features robust construction, full-sized remodel junction box; and may support use of higher wattage lamps. Designed for use in existing ceilings, the remodel housing slips through opening in the finished ceiling. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. The H27RT is for use in non-insulated shallow ceilings. If ceiling insulation is present, it must be kept 3" from all sides of housing. May be retrofit with compatible Halo LED lighting systems.









Special Features

Quick Connect™ push wire nuts

Compatible Trims

74	173°	376	6100	6108	6145
78⁰	301	378	6101	6109	6150
79	310	419	6102	6110	6215
170◊	328	420	6103	61210	6230
171◊	353	426	6106	6126°	6255
1720		4261	6107	6130	



Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

♦ Air-Tite trims can make the H27RT installation ASTM E283 compliant (in a non-insulated ceiling)

Features

Housing

- Single wall die-stamped CRS shallow housing
- · White housing paint finish
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Remodel Springs

Four remodel springs secure housing and accommodate 1/2" and 5/8" ceiling material

Includes:

Quick Connect[™] push wire nuts (Details Pg. 13)

Junction Box

- Seven 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs
- · Four non-metallic (NM) cable pry-outs included

Socket

- · Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- · Overspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

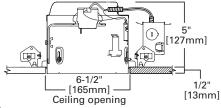
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- · RoHS compliant
- IP rated (Improper Lamp)

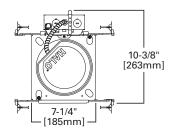
F27TAT



6" Non-IC, Air-Tite, Shallow New Construction Housing, 120V

The E27TAT is a compact and efficient shallow recessed Non-IC housing optimized and listed for EISA compliant tungsten-halogen, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial applications. For installation in non-insulated ceilings. If ceiling insulation is present, it must be kept 3" from all sides of housing. Housing features Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with compatible Halo LED lighting systems.











Special Features

All-Nail!™ bar hangers q-Channel bars with Pass-N-Thru[™] Hinged j-box with Slide-N-Side[™] Quick Connect[™] push wire nuts Air-Tite[™] code compliant

Compatible Trims

70	171	353	6100	6108	6145	
71	172	376	6101	6109	6150	
73	173	378	6102	6110	6160	
74	301	419	6103	6121	6215	
78	310	420	6106	6126	6230	
79	328	426	6107	6130	6255	
170		4261				



Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- Single wall die-formed shallow housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Integral Air-Tite gasket for code-required gasket between fixture and finished ceiling
- May be removed from the plaster frame to provide access to junction box

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame

- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" – 1" ceiling thickness.
- (2) Regressed locking screws for securing hanger bars

Includes:

- All-Nail!™ bar hangers (Details Pg. 15)
- q-Channel bars with Pass-N-Thru[™] (Details Pg. 15)
- Hinged junction box with Slide-N-Side[™] (Details Pg. 15)
- Quick Connect[™] push wire nuts (Details Pg. 15)
- Air-Tite[™] code compliant (Details Pg. 15)

Socket

- · Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- · Shipped with socket overspray protector installed

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

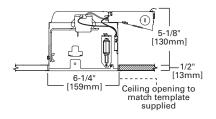
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

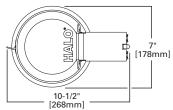
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- · RoHS compliant

E27RTAT









E27RTAT

6" Non-IC, Air-Tite, Shallow Remodel Housing, 120V

The E27RTAT is a compact and efficient shallow recessed remodel Non-IC shallow housing optimized and listed for EISA compliant tungsten-halogen, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial applications. Installation in non-insulated ceilings. If ceiling insulation is present, it must be kept 3" from all sides of housing. Housing features Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with compatible Halo LED lighting systems.







Special Features

Hinged j-box with Slide-N-Side™ Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

74	173	376	6101	6109	6145
78	301	419	6102	6110	6150
79	310	420	6103	6121	6215
170	328	426	6106	6126	6230
171	353	4261	6107	6130	6255
172		6100	6108		



us Trims for use in Halo listed housings



Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- · Single wall die-formed housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Integral Air-Tite gasket for code-required gasket between fixture and finished ceiling
- May be removed from the plaster frame to provide access to junction box

Remodel Retention System - Speed Clamps

 Exclusive two integral speed clamps securely lock housing to ceiling, accommodating 3/8" to 2" ceiling materials

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Includes:

- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect[™] push wire nuts (Details Pg. 15)
- Air-Tite[™] code compliant (Details Pg. 15)

Socket

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Shipped with socket overspray protector installed

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Quick Connect™ Wiring Tray

- (3) Color coded 4-port push-in wire nuts included
- Captive tray holds push-nuts in place for one-handed connections to line, neutral & ground
- Speeds installation and increases reliability
- No additional wire nuts required

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

Non-IC Shallow Housings: H27T • H27RT • E27TAT • E27RTAT

Reflectors ·

426 Reflector Cone

- Accepts a wide variety of lamps
- Coil spring retention
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Housings	Max Lamp Compatibility
H27T	75W PAR30S, 75W PAR30L, 85W BR30, 100W R30
H27RT	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E27TAT	75W PAR30S, 75W PAR30L,
E27RTAT	65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Clear Specular Reflector Cone, White Trim

Tuscan Bronze Reflector

Cone, Tuscan Bronze Trim

426TBZ











Satin Nickel Reflector Cone, Satin Nickel Trim



Dimensions** H: 2-5/8" [67mm] OD: 7-1/4" [184mm]

4261 White Reflector Cone, Self-flange

- Accepts R and PAR lamps
- · Coil spring retention

Housings	Max Lamp Compatibility	
H27T	75W PAR30S, 75W PAR30L, 100W R30, 85W BR30	
H27RT	75W PAR30S, 75W PAR30L, 75W R30, 65W BR30	
E27TAT	TEM DADOS TEM DADOS STALDOS	
E27RTAT	- 75W PAR30, 75W PAR30L, 65W BR30	

Compatible with Halogen, Incandescent, LED* or CFL* lamps



4261P White Reflector, White Self-flange



Dimensions** H: 2-5/8" [67mm] OD: 7-1/4" [184mm]

6106 Straight Reflector Cone, Self-flange

- Straight sides of cone reflector for large diameter BR40 and PAR38, as well as BR30 and PAR30 lamps
- Self-flange reflector cone
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S, 75W PAR30L,
H27RT	E27RTAT	65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6106SC Specular Clear Reflector, White Self-flange



Dimensions** A: 5-3/8" [137mm] H: 2-5/8" [68mm] OD: 7-3/4" [197mm]

6107 Tapered Reflector, Self-flange

- · Self-flange reflector cone
- Contoured tapered sides of cone reflector for BR30 and PAR30 lamps
- Coil spring retention
- · Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S, 75W PAR30L,
H27RT	E27RTAT	65W BR30



6107SC Specular Clear Reflector, White Self-flange



Dimensions** A: 5-3/8" [137mm] H: 2-5/8" [65mm] OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp. **Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Shallow Housings: H27T • H27RT • E27TAT • E27RTAT

6121 Shallow Full Cone Reflector, Self-flange



- Shallow full cone reflector for A19, PAR30S and BR30 lamps
- Torsion spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housin	gs	Max Lamp Compatibility
H27T	E27TAT	40W A19, 75W PAR30S,
H27RT	E27RTAT	75W PAR30L, 65W BR30
Compatible with Halogen, Incandescent, LED* or CFL* lamps		



White Reflector, White Self-flange



Dimensions** A: 5-3/8" [137mm] H: 4-3/8" [110mm] OD: 7-3/4" [197mm]

310 Coilex® Baffle

- Black or white phenolic Coilex baffle with white metal trim ring
- · Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- · Coil spring retention

Housings	Max Lamp Compatibility
H27T	75W PAR30S, 75W PAR30L,
H27RT	65W BR30, 75W R30
E27TAT	75W PAR30S, 75W PAR30L,
E27RTAT	65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



310W White Coilex Baffle, White Trim



310P Black Coilex Baffle, White Trim



310SN Satin Nickel Coilex Baffle, Satin Nickel Trim



Tuscan Bronze Coilex Baffle, Tuscan Bronze Trim



Dimensions** H: 3-1/16" [78mm] OD: 7-1/4" [184mm]

353 Metal Baffle

- · Metallic finish trim rings and baffles
- · Coil spring retention
- · Removable trim ring

Housings	Max Lamp Compatibility
H27T	75W PAR30S, 75W PAR30L,
H27RT	65W BR30, 75W R30
E27TAT	75W PAR30S, 75W PAR30L,
E27RTAT	65W BR30



353SN Satin Nickel Baffle, Satin Nickel Trim



353TBZ Tuscan Bronze Baffle, Tuscan Bronze Trim



Dimensions** H: 3" [76mm] OD: 7-1/4" [184mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Shallow Housings: H27T • H27RT • E27TAT • E27RTAT

6100 Tapered Metal Baffle with (2) Trim Rings

- Contoured tapered sides of metal baffle for BR30 and PAR30 lamps
- Two plastic removable trim rings included narrow 7.25"OD and wide oversized 8.00"OD
- Coil spring retention

Housings		Max Lamp Compatibility	
H27T	E27TAT	75W PAR30S, 75W PAR30L,	
H27RT	E27RTAT	65W BR30	

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6100WB White Baffle, Narrow & Wide White Trims (Included)



Black Baffle, Narrow & Wide White Trims (Included)



Dimensions** A: 5-3/4" [148mm] H: 2-7/8" [74mm] OD: 7-1/4" [184mm] Narrow OD: 8" [203mm] Wide

6101 Straight Metal Baffle with (2) Trim Rings

- Straight sides of metal baffle for large diameter lamps
- Two plastic removable trim rings included narrow 7.25"OD and wide 8.00"OD
- Coil spring retention

Housings		Max Lamp Compatibility	
H27T	E27TAT	75W PAR30S, 75W PAR30L,	
H27RT	E27RTAT	65W BR30	

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6101WB White Baffle, Narrow & Wide White Trim (Included)



6101BB Black Baffle, Narrow & Wide White Trim (Included)



Dimensions** A: 5-5/8" [144mm] H: 2-5/8" [66mm] OD: 7-1/4" [184mm] Narrow OD: 8" [203mm] Wide

6102 Tapered Metal Baffle, Self-flange

- Contoured tapered sides of metal baffle
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S, 75W PAR30L,
H27RT	E27RTAT	65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps





Dimensions** A: 5-3/8" [137mm] H: 2-5/8" [65mm] OD: 7-3/4" [197mm]

6103 Straight Metal Baffle, Self-flange

- Straight sides of metal baffle for large diameter lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S, 75W PAR30L,
H27RT	E27RTAT	65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Baffle, White Self-flange Black Baffle, White Self-flange



Dimensions** A: 5-3/8" [137mm] H: 2-5/8" [68mm] OD: 7-3/4" [197mm]

6108 Coilex® Straight Plastic Baffle, Self-flange

- Straight sides of Coilex baffle for large diameter BR30 and PAR30 lamps
- Coil spring retention
- · Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S, 75W PAR30L,
H27RT	E27RTAT	65W BR30
Compatible with Halogen, Incandescent, LED* or CFL* lamps		



6108WB White Plastic Straight Coilex Baffle, White Self-flange



Black Plastic Straight Coilex Baffle, White Self-flange



6108BKBB Black Plastic Straight Coilex Baffle, Black Self-flange



Dimensions** A: 5-3/8" [137mm] H: 2-5/8" [68mm] OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Shallow Housings: H27T • H27RT • E27TAT • E27RTAT

6109 Coilex® Tapered Baffle, Self-flange

- Contoured tapered sides of Coilex baffle for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S, 75W PAR30L,
H27RT	E27RTAT	65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6109WB

White Plastic Tapered Coilex Baffle, White Self-flange



6109BB

Black Plastic Tapered Coilex Baffle, White Self-flange



6109BKBB

Black Plastic Tapered Coilex Baffle, Black Self-flange



Dimensions**

A: 5-3/8" [137mm] H: 2-5/8" [65mm] OD: 7-3/4" [197mm]

6110 Perftex™ Baffle, Self-flange

- Perforated pattern baffle contoured for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S, 75W PAR30L,
H27RT	E27RTAT	65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6110WB White Perftex Baffle, White Self-flange



Black Perftex Baffle, White Self-flange



6110BKBB Black Perftex Baffle, Black Self-flange



Dimensions**

A: 6-5/8" [169mm] H: 2-1/8" [54mm] OD: 7-3/4" [197mm]

6126 Shallow Full Cone Baffle, Self-flange

- Shallow full cone baffle for A19 and PAR30S lamps
- Torsion spring retention
- Socket supporting baffle
- Self-flange trim ring sized to hide gaps caused by construction tolerances

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Housings		Max Lamp Compatibility	
H27T	E27TAT	40W A19, 75W PAR30S,	
H27RT	E27RTAT	75W PAR30L, 65W BR30	

Compatible with Halogen, Incandescent, LED* or CFL* lamps



6126WB 6126BB White Baffle, White Self-flange Black Baffle, White Self-flange



Dimensions**

A: 5-3/8" [137mm] H: 4-3/8" [110mm] OD: 7-3/4" [197mm]

74 Eyeball 30° Tilt, Self-flange

- · Provides optimum position for PAR30S lamps
- Torsion spring retention

• Socket supporting		
Housings	Max Lamp Compatibility	
H27T E27TAT	75W PAR30S	74P
H27RT E27RTAT	73W FAN303	White Eyeball & Trim



Compatible with Halogen, Incandescent, LED* or CFL* lamps





Dimensions** A: 3-7/8" [98mm] OD: 8" [203mm]

- 30° tilt, 360° rotation
- Torsion spring retention
- · Wide choice of finishes for any decor
- Socket supporting eyeball
- 78PAT makes installation Air-Tite regardless of housing used

75W PAR30S, 75W PAR30L,
65W BR30, 75W R30
75W PAR30S, 75W PAR30L,
65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Eyeball, White Trim

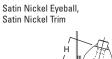


White Eyeball, White Trim





Satin Nickel Trim



Tuscan Bronze Eyeball, Tuscan Bronze Trim



Dimensions** A: 4" [100mm]

H: 4-1/8" [105mm] OD: 8" [203mm]

- *UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
- **Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Shallow Housings: H27T • H27RT • E27TAT • E27RTAT

376 Regressed Gimbal 30° Tilt, Self-flange

- · Regressed gimbal with baffle
- Torsion spring retention
- · Socket supporting gimbal

E27RTAT



White Baffle, White Trim



Black Baffle, White Trim



Dimensions** OD: 7-1/4" [184mm]

Housings		Max Lamp Compatibility
H27T	E27TAT	7EW/ DA D20C
LIGHT	FARRITAT	75W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

378 Regressed Gimbal with Splay 25°Tilt, Self-flange

H27RT

- Regressed gimbal with splay trim
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clips on trim
- · Socket supporting gimbal







Dimensions** OD: 7-1/4" [184mm]

Housings	Max Lamp	Compatibility
Housings	mux Eump	Companionity

H27T E27TAT 75W PAR30S H27RT

Compatible with Halogen, Incandescent, LED* or CFL* lamps



White Splay, White Trim

419 Regressed Eyeball with Splay 25° Tilt

- Regressed eyeball with splay
- · 25° tilt, 358° rotation
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Removable trim ring
- Socket supporting trim



White Eyeball & Splay, White Trim



Dimensions** OD: 7-1/4" [184mm]

Housings **Max Lamp Compatibility**

	J -		
H27T	E27TAT	- 75W PAR30S	
H27RT	E27RTAT	73VV FANSUS	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

420 Regressed Eyeball 30° Tilt, Self-flange

- Regressed eyeball with baffle splay
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Socket supporting eyeball

100		7
1	3	
420W		

White Eyeball & Baffle, White Trim



White Eyeball & Black Baffle, White Trim



Dimensions** A: 4" [100mm] H: 4" [102mm] OD: 7-1/4" [184mm]

Housings	Max Lamp Compatibility	
H27T	75W PAR30S, 75W PAR30L,	
H27RT	75W BR30	
E27TAT	75W PAR30S, 75W PAR30L,	
E27RTAT	65W BR30	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6130 Eyeball 35°Tilt, Self-flange

35° tilt, 360° rotation

Housings

- Adjustable eyeball trim for BR30 and PAR30 lamps
- · Torsion spring retention
- · Socket supporting eyeball
- Self-flange trim ring sized to hide gaps caused by construction tolerances





H27T	E27TAT	50W PAR30S, 75W PAR30L,
H27RT	E27RTAT	65W BR30
Compatible with Halagan Inc		Incondessent LED* or CEL* lemns







Dimensions** A: 3-7/8" [100mm] H: 3-7/8" [100mm] OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Shallow Housings: H27T • H27RT • E27TAT • E27RTAT

6 INCH

6215 Double Gimbal 30°-50° Tilt, Self-flange

- 30°-50° tilt, 360° rotation
- 50° tilt with double gimbal design using compound angles
- · Double gimbal for PAR30S lamps
- Torsion spring retention
- Shallow housings are compatible with PAR30S (short-neck) lamps
- Socket supporting gimbal
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility	
H27T	E27TAT	60W PAR30S	
H27RT	E27RTAT	- PON LAUSO	
Compatible with Halogen, Incandescent, LED* or CFL* lamps			



6215WHWhite Gimbal,
White Self-flange



6215BK Black Gimbal, Black Self-flange



6215SN Satin Nickel Gimbal, Satin Nickel Self-flange



6215TBZTuscan Bronze Gimbal,
Tuscan Bronze Self-flange



Dimensions** A: 3-3/8" [84mm] H: 2" [51mm] OD: 7-3/4" [197mm]

Lenses & Wet Location Showerlights · · · · · · ·

70 Albalite Glass Lens

- · White trim, glass Albalite lens
- PS version features "dead-front" construction and is wet location listed for use in showers
- PS version features non-conductive, non-corrosive polymer (plastic) trim ring
- · Torsion spring retention

Toronon oprinig rotonicon		
Housings	Max Lamp Compatibility	
H27T	COM/ A 10	
E27TAT 60W A19		
Compatible with Halogen, Incandescent, LED* or CFL* lamps		



Albalite Glass Lens, White Trim



70PS
Albalite Glass Lens,
White Trim, Wet Location
Supporting



Dimensions** OD: 8" [203mm]

71 Drop Opal Glass Lens

- · White trim, drop opal glass lens
- PS version features "dead-front" construction and is wet location listed for use in showers
- Non-conductive, non-corrosive polymer (plastic) trim ring
- · Torsion spring retention

Housings	Max Lamp Compatibility	
H27T	0004/440	
E27TAT	—— 60W A19	



71PDrop Opal Glass Lens,
White Trim



Drop Opal Glass Lens,
White Polymer Trim, Wet Location



Dimensions** OD: 8" [203mm]

73 Fresnel Glass Lens

- · White trim with glass Fresnel lens
- PS version features "dead-front" construction and is wet location listed for use in showers
- Non-conductive, non-corrosive polymer (plastic) trim ring
- Torsion spring retention

Housings	Max Lamp Compatibility	
H27T	- 60W A19	
E27TAT		
Compatible with Halogen, Incandescent, LED* or CFL* lamps		



Fresnel Glass Lens, White Trim



Fresnel Glass Lens, White Trim, Wet Location





Dimensions** OD: 8" [203mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Shallow Housings: H27T • H27RT • E27TAT • E27RTAT

Albalite Lens, White Trim

170 Albalite Lens with Reflector

- · White trim with Albalite glass lens
- · PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings		Max Lamp Compatibility	
H27T	E27TAT	60W A19	
H27RT	E27RTAT	OUVV ATS	
Commercial and the Helenon			

Compatible with Halogen, Incandescent, LED* or CFL* lamps



Albalite Lens, Polymer White Trim





Dimensions** H: 4" [102mm] OD: 8" [203mm]

171 Drop Opal Glass Lens with Reflector

- · White trim with drop opal glass lens
- · PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- · PS version is Air-Tite; making any installation Air-Tite

Housings		Max Lamp Compatibility
H27T	E27TAT	- 60W A19
H27RT	E27RTAT	OUVV AIS

Compatible with Halogen, Incandescent, LED* or CFL* lamps



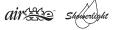
Drop Opal Lens, White Trim



Drop Opal Lens, White Polymer Trim



Dimensions** H: 4" [102mm] OD: 8" [203mm]



172 Dome Glass Lens with Reflector

- · Frosted glass dome
- Features "dead-front" construction and is wet location listed for use in showers
- · Non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- Torsion spring retention
- · Air-Tite trim makes any installation Air-Tite

Housings		Max Lamp Compatibility
H27T	E27TAT	100W A19, 75W PAR30S
H27RT	E27RTAT	72W A19, 75W PAR30S
Compatible with Halogen		Incandescent LED* or CEL* lamps



Frosted Glass Dome, White Polymer Trim



172TBZS Frosted Glass Dome, Tuscan Bronze Polymer Trim



Dimensions** H: 2-1/8" [54mm] OD: 7-3/4" [197mm]

173 Fresnel Lens with Reflector

- White trim with glass Fresnel lens
- · PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- · PS version is Air-Tite; making any installation Air-Tite

Housings		Max Lamp Compatibility	
H27T	E27TAT	60W A19	
H27RT	E27RTAT	- DUVV AIS	
Compatible with Halogen, Incandescent, LED* or CFL* lamps			





Fresnel Lens, White Trim



Fresnel Lens, White Polymer Trim





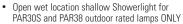
Dimensions** H: 4" [102mm] OD: 8" [203mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Shallow Housings: H27T • H27RT • E27TAT • E27RTAT

6145 Open Wet Location, Shallow Reflector, Self-flange



- · Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S, 75W PAR30L, 150W PAR38
H27RT E27RTAT		75W PAR30S, 75W PAR30L, 90W PAR38
Compatib	le with Haloger	n, Incandescent, LED* or CFL* lamps





Lamp Gasket (Included)





White Shallow Reflector, White Self-flange

> Outdoor Rated Lamp ONLY Separately

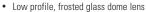
Satin Nickel Self-flange

Satin Nickel Shallow Reflector, Tuscan Bronze Shallow Reflector, Tuscan Bronze Self-flange

Dimensions** A: 5-3/8" [136mm] D: 7/8 [22mm] H: 4-7/8" [123mm]

OD: 7-3/4" [197mm]

6150 Low Profile, Frosted Glass Dome Lens, Self-flange



- · Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- · Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility	
H27T	E27TAT	60W A19, 60W PAR30S	
H27RT	E27RTAT	- 00VV A19, 00VV PAN303	
Compatible with Halogen, Incandescent, LED* or CFL* lamps			



6150WH

Frosted Glass Dome Lens with Reflector, White Plastic Self-flange



6150SN

Frosted Glass Dome Lens with Reflector, Satin Nickel Plastic Self-flange



6150TBZ

Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions**

A: 5-1/8" [130mm] H: 4-1/5" [107mm] OD: 7-3/4" [197mm]

6160 Drop White Plastic Lens, Self-flange

Compatible with Halogen, Incandescent, LED* or CFL* lamps

- Wet location Showerlight

Non-conductive "dead-front" polymer (plastic) trim and lens Torsion spring retention			
Housin	gs	Max Lamp Compatibility	6160WH
H27T	E27TAT	60W A19, 39W PAR30S	Drop White Plastic Lens,



Drop White Plastic Lens, White Plastic Self-flange



Dimensions**

A: 5-1/8" [130mm] H: 2-1/4" [57mm] OD: 7-3/4" [197mm]

6230 Squircle Frost Glass Lens, Metal Trim, Self-flange

- Low profile frost glass lens
- · Wet location Showerlight
- Torsion spring retention
- · Self-flange low profile metal trim ring
- Socket supporting internal bracket
- Integral rotation adjustment up to +/- 25° for precise alignment with room

Housings		Max Lamp Compatibility
H27T	E27TAT	60W A19, 60W PAR30S
H27RT	E27RTAT	DUVV A19, DUVV PARSUS
Compatible with Halogen, Incandescent, LED* or CFL* lamps		





Nickel Squircle Trim



6230SN Frost Glass Lens Satin Nickel Squircle Trim



Dimensions**

A: 6" [152mm] H: 4-1/4" [109mm] D: 3/4" [20mm] OD: 7-1/4" [185mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter

Non-IC Shallow Housings: H27T • H27RT • E27TAT • E27RTAT

6255 Soft Square, Frost Curved Glass Lens, Self-flange



- Low profile curved frost glass lens
- Wet location Showerlight
- Torsion spring retention
- · Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Integral rotation adjustment up to +/- 25° for precise alignment with room
- Integrated socket supporting reflector for even illumination across lens corner-to-corner

Housings		Max Lamp Compatibility	
H27T	E27TAT	COM/ A10, COM/ DADOOC	
H27RT	E27RTAT	60W A19, 60W PAR30S	
Compatib	le with Haloger	n, Incandescent, LED* or CFL* lamps	



6255WH Frost Curved Glass Lens

with Reflector, White

Plastic Self-flange



6255SN Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange



6255TBZ Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange



Dimensions** A: 5-7/8" [149mm] D: 1" [25mm] H: 4-1/2" [114mm] OD: 7-5/8" [194mm]

Open, Splay & Wall Wash · · · · ·

79 Pinhole Trim

- 1-7/8" open pinhole for R20 lamp
- · Torsion spring retention

Housings	Max Lamp Compatibility
H27T	75W PAR30S
H27RT	50W PAR30S
E27TAT	75W PAR30S
E27RTAT	50W PAR30S
Compatible wit	h Halogen Incandescent I FD* or CFI * lamns



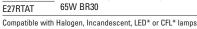


Dimensions** OD: 8" [203mm]

301 Open Trim

- Open trim for BR30, R30, and PAR30 lamps
- · Coil spring retention

Housings	Max Lamp Compatibility
H27T	75W PAR30S, 75W PAR30L,
H27RT	65W BR30, 75W R30
E27TAT	75W PAR30S, 75W PAR30L,
E27RTAT	65W BR30





301P White Open Trim



301SN Satin Nickel Open Trim



301TBZ Tuscan Bronze Open Trim



Dimensions** OD: 7-1/4" [184mm]

328 White Splay Trim

- · Splay trim for BR30 and PAR30 lamps
- · Coil spring retention

Housings	Max Lamp Compatibility
H27T	75W PAR30S, 75W PAR30L,
H27RT	85W BR30, 100W R30
E27TAT	75W PAR30S, 75W PAR30L,
E27RTAT	85W BR30
Compatible with	n Halogen, Incandescent, LED* or CFL* lamps



328P White Splay Trim



Dimensions** A: 3-7/8" [98mm] OD: 7-3/4" [197mm]

^{*}UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

^{**}Key: A: Luminous Aperture, H: Height, OD: Trim Outside Diameter



E26 Screw Base H47 Series IC Slope Housing

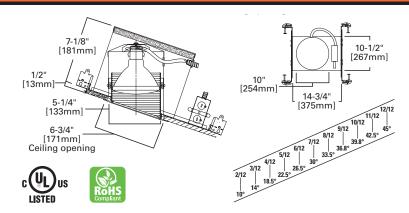
H47ICT



H47ICT

6" IC, New Construction Slope Housing, 120V

Designed for sloped ceiling installations for ceilings from 2/12 to 6/12 pitch. The socket aiming mechanism allows the lamp to be aimed straight down in accordance with ceiling pitch (2/12 to 6/12). H47ICT is designed for use in insulated ceilings where they housing will be in direct contact with insulation*.



Special Features

Got Nail!™ bar hangers Pass-N-Thru™ bars Slide-N-Side™ junction box Quick Connect™ push wire nuts

Compatible Trims

78° 170°	496 498 1417	♦ Air-Tite trims can make the H47ICT installation ASTM E283 compliant
170		E283 compliant

Features

Housing

Aluminum double wall housing construction

Plaster Frame

Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- · Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- Halo name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.

Includes:

- Got Nail![™] bar hangers (Details Pg. 13)
- Slide-N-Side[™] junction box wire traps (Details Pg. 13)
- Pass-N-Thru[™] bars (Details Pg. 13)

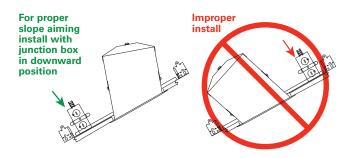
Socket

- Porcelain socket with nickel plated brass screw shell, snaps into socket plate (or into socket supporting trim for consistent lamp positioning)
- Exclusive socket aiming mechanism swivels and rotates to properly align lamp. Slope indicator provides quick and consistent lamp settings (factory set for 3/12 slope). Shipping insert protects socket from overspray.

Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)



E26 Screw Base H47 Series IC Slope Housing

6 INCH

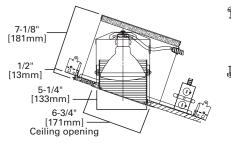
H47ICAT



H47ICAT

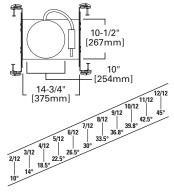
6" IC, Air-Tite, New Construction Slope Housing, 120V

Designed for sloped ceiling installations for ceilings from 2/12 to 6/12 pitch. The socket aiming mechanism allows the lamp to be aimed straight down in accordance with ceiling pitch (2/12 to 6/12). H47ICAT is designed for use in insulated ceilings where the housing will be in direct contact with insulation*. H47ICAT is Air-Tite gasketed to limit airflow between conditioned spaces and unconditioned areas.









Special Features

Got Nail!™ bar hangers Pass-N-Thru™ bars Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

ures Compatible Trims

78	496
170	498
	1417

Features

Housing

Aluminum double wall housing construction

Plaster Frame

Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- · Regressed locking screw for securing hanger bars
- · Cutouts for easily crimping hanger bars in position
- Halo name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.
- Pre-installed Air-Tite™ ready ceiling contact gasket

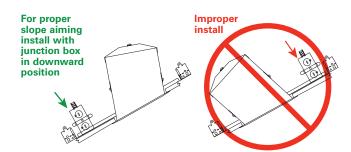
Includes:

- Got Nail![™] bar hangers (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Pass-N-Thru™ bars (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

Socket

- Porcelain socket with nickel plated brass screw shell, snaps into socket plate (or into socket supporting trim for consistent lamp positioning)
- Exclusive socket aiming mechanism swivels and rotates to properly align lamp. Slope indicator provides quick and consistent lamp settings (factory set for 3/12 slope). Shipping insert protects socket from overspray.

- · cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant



^{*}Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

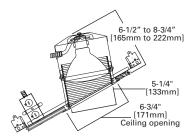
E26 Screw Base H47 Series Non-IC Slope Housing

H47T



6" Non-IC, New Construction Slope Housing, 120V

Designed for sloped ceiling installations for ceilings from 2/12 to 6/12 pitch. The socket aiming mechanism allows the lamp to be aimed straight down in accordance with of ceiling pitch (2/12 to 6/12). For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3" from all sides of housing. Unique telescoping housing feature allows adjustment for lamp regression and joist height of 2" x 8" or higher.

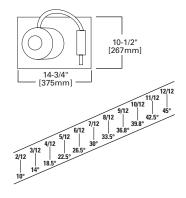






Special Features

Got Nail!™ bar hangers Pass-N-Thru™ bars Slide-N-Side™ junction box Quick Connect™ push wire nuts



Compatible Trims

78⁰	496	1417	
170∘	498		

♦ Air-Tite trims can make the H47T installation ASTM E283 compliant (in a non-insulated ceiling)

Features

Housing

- Telescoping housing for ceiling construction 2"x 8" or higher
- With deeper ceilings the housing provides deeper lamp regression with sharper cutoff

Junction Box

- Seven 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs
- Four non-metallic (NM) cable pry-outs included

Includes:

- . Got Nail!™ bar hangers (Details Pg. 13)
- Slide-N-Side[™] junction box wire traps (Details Pg. 13)
- Pass-N-Thru[™] bars (Details Pg. 13)

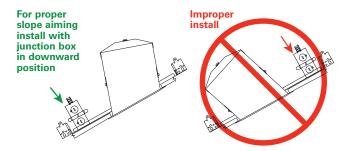
Socket

- Porcelain socket with nickel plated brass screw shell
- Exclusive socket aiming mechanism swivels and rotates to properly align lamp
- Slope indicator provides quick and consistent lamp settings (factory set for 3/12 slope). Shipping insert protects socket from overspray.

Integral Thermal Protector

Thermal protector guards against misuse of insulation materials

- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- · RoHS compliant
- IP rated (Improper Lamp)



E26 Screw Base H47 Series Slope Trims

H47 Series Housings: H47ICT • H47ICAT • H47T

78 Eyeball 30°Tilt, Self-flange

- 30° tilt, 360° rotation
- · Torsion spring retention
- · Wide choice of finishes for any decor
- Socket supporting eyeball
- 78PAT makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H47ICT	
H47ICAT	65W BR30, 75W R30
H47T	_



White Eyeball, White Trim



White Eyeball, White Trim

air 😂



Satin Nickel Eyeball, Satin Nickel Trim



Tuscan Bronze Eyeball, Tuscan Bronze Trim



Dimensions** A: 4" [100mm] H: 4-1/8" [105mm] OD: 8" [203mm]

1417 Low Voltage Eyeball with Baffle 30° Tilt

- · Low voltage trim
- Includes 120V transformer for retrofit to H7T and H7RT housings
- · Torsion spring retention

Housings	Max Lamp Compatibility
H47ICT	- 20W 12V MR16
H47ICAT	ZUVV IZV IVINIO
H47T	50W 12V MR16



White Baffle, White Trim



Black Baffle, White Trim



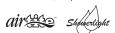
Dimensions** OD: 7-1/4" [184mm]

170 Albalite Glass Lens with Reflector

- . White trim with Albalite glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- · PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings	Max Lamp Compatibility
H47ICT	
H47ICAT	60W A19
H47T	_







Dimensions** H: 4" [102mm] OD: 8" [203mm]

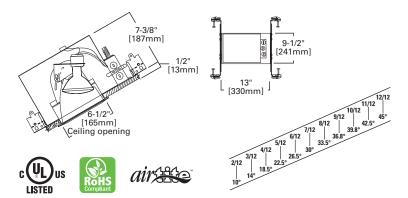
E26 Screw Base H645IC Slope Housing

H645IC



6" IC, Air-Tite, New Construction Slope Housing, 120V

Designed for sloped ceiling installations for ceilings from 2/12 to 12/12 pitch. The socket aiming mechanism allows the lamp to be aimed straight down in accordance with of ceiling pitch (2/12 to 12/12). H645IC is designed for use in insulated ceilings where the housing will be in direct contact with insulation*. H645IC is Air-Tite gasketed to limit airflow between conditioned spaces and unconditioned areas.



Special Features

Got Nail!™ bar hangers Pass-N-Thru™ bars Slide-N-Side™ junction box Quick Connect™ push wire nuts Air-Tite™ code compliant

Compatible Trims

78	455
70	456

Features

Housing

Aluminum double wall housing construction

Plaster Frame

Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- Halo name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.
- Pre-installed Air-Tite[™] ready ceiling contact gasket

Includes:

- Got Nail![™] bar hangers (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Pass-N-Thru[™] bars (Details Pg. 13)
- Air-Tite[™] code compliant (Details Pg. 13)

Socket

Exclusive socket aiming mechanism swivels and rotates to properly align lamp. Lamp socket and trim can be adjusted 20° laterally for compound slope ceiling or to compensate for off axis aiming. Shipping insert protects socket from overspray.

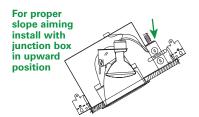
Integral Thermal Protector

Integral thermal protector guards against improper lamping

Compliance

- cULus Listed 1598 luminaire
- · cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- · cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- · Rated for 20W maximum
- Refer to specification sheets online for additional compliance information
- · RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)





E26 Screw Base H645IC Slope Trims



IC Slope Housings: H645IC

455 Specular Reflector

- · Clear, gold or haze reflector
- · Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Max Lamp Compatibility Housing 65W BR30, 75W R30, 75W PAR30L H645IC



Specular Clear Reflector, White Trim



455H Haze Reflector, White Trim



Champagne Gold Reflector, White Trim



Dimensions** OD: 7-1/4" [184mm]

456 Seamless Coilex® Baffle Trims

- One piece seamless baffle
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Housing	Max Lamp Compatibility
	456W : 50W PAR30L, 65W BR30

0 (75W PAR30L with H1999 Socket Extender) 456P: 60W BR30, 50W PAR30L



456W White Coilex Baffle, White Metal Trim



Black Coilex Baffle White Metal Trim



Dimensions** OD: 7-1/4" [184mm]

Accessory - H1999



H6451C

Socket Extender

78 Eyeball 30° Tilt, Self-flange

- 30° tilt, 360° rotation
- · Torsion spring retention
- Wide choice of finishes for any decor
- Socket supporting eyeball
- 78PAT makes installation Air-Tite regardless of housing used

Housing	Max Lamp Compatibility
H645IC	65W BR30, 75W R30, 75W PAR30L



White Eyeball, White Trim



White Eyeball, White Trim





Satin Nickel Eyeball, Satin Nickel Trim



Tuscan Bronze Eyeball, Tuscan Bronze Trim



170 Albalite Glass Lens with Reflector

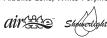
- · White trim with Albalite glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- · PS version is "dead-front" construction and is wet location listed for use in showers
- · Torsion spring retention
- · PS version is Air-Tite; making any installation Air-Tite

Housing	Max Lamp Compatibility
H645IC	60W A19



Albalite Lens, White Trim







Dimensions** H: 4" [102mm] OD: 8" [203mm]

Specialty Products

H37T - 401AL Heat Light, Non-IC



250W infra-red. For non-insulated ceilings. If insulation is present it must be kept 3" from the fixture on all sides.

ì	Finish:	White (P)
	Housing:	8" OD x 5-1/2" Height
	Trim:	Brushed aluminum
	Rating:	Improper Lamp (IP) Rated

H2932ICTW Lensed Wall / Step Light





cULus Listed for wall mounting in insulation. IC rated for direct contact with insulation* and combustible material, cULus listed for damp location; and feed through. White trim with albalite glass lens.

Housing:	sing: 11-1/2" L (enclosure and J-box) x 5-1/2" W x 3-1/2" D	
Trim:	5-3/4" H x 9-3/8" L	
Finish	White (P)	
Lamp	25W, A19 max.	

^{*}Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

H2922ICT Step Light



Step light with white louver trim. Fixture is pre-wired to junction box. cULus listed junction box rated for feed through. 25W A19 lamp.

Finish:	White (P)
Housing:	11-5/8" L x 3-1/2" D x 5-1/2" H
Trim:	9-3/8" L x 5-3/4" H
Rating:	IC rated for direct contact with insulation* and combustible materials. Improper Lamp (IP) Rated

^{*}Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

H2922-120PL Step Light



Step light with white louver trim. Fixture is pre-wired to junction box. cULus listed junction box rated for feed through. Integral 120V, 60Hz magnetic ballast. 5W / 7W / 9W Twin Tube 2-pin CFL.

Finish:	White (P)
Housing:	11-5/8" L x 3-1/2" D x 5-1/2" H
Trim:	9-3/8" L x 5-3/4" H
Rating:	IC rated for direct contact with insulation* and combustible materials

^{*}Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

H2920ICT Step Light



Step light with white louver trim. Wiring connections are made in fixture. 25W A19 lamp.

Finish:	White (P)	
Housing:	8" L x 3-1/2" D x 4-1/2" H	
Trim:	9-3/8" L x 5-3/4" H	
Rating:	IC rated for direct contact with insulation* and combustible materials. Improper Lamp (IP) Rated	

^{*}Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

H2900T Thru-Wall Light, Non-IC



Provides lighting on each side of wall. 100W A19 max. Albalite lens. For non-insulated walls. If insulation is present, it must be kept 3" from the fixture on all sides.

Finish:	White (P)
Housing:	13-1/2" L x 4" D x 8-1/4" H
Trim:	11-3/8" L x 7-3/4" H
Rating:	Non-IC, Improper Lamp (IP) Rated

H2932T Closet Light/Shallow Rectangle, Non-IC



60W A19 lamp. White trim with Albalite diffuser. Junction box rated for feed through branch applications. For non-insulated ceilings. If insulation is present, it must be kept 3" from the fixture on all sides.

White (P)
11-5/8" L x 3-1/2" D x 5-1/2" H
9-3/8" L x 5-3/4" H
cULus Listed

477 Power-Trac Adapter Trim



Allows (120V) trac lampholders (150W max) to be used with recessed installations. Use with H7T, H7ICT, H27T, H7RT, H7RICT and H27RT housings.

Finish:	White with Black Baffle (477P), White with White Baffle (477W)
OD:	7-1/4"

Specialty Products & Accessories

GA-ATHx-6PK



Optional accessory gasket covers the ceiling cut-out opening on a finished ceiling, for use with H5 & H7 Air-Tite IC housings.

GA-ATH5-6PK H5ICAT Air-Tite™ gaskets (6-Pack) GA-ATH7-6PK H7ICAT Air-Tite™ gaskets (6-Pack)

Designer Finish Trim Rings



TRM6C	Chrome
TRM6SN	Satin Nickel
TRM6TBZ	Tuscan Bronze
TRM6MB	Black Metal
TRM7MB	Black plastic

Metal 7 1/4" OD. Compatible with 310*, 376, 378, 400, 404, 405, 410, 416, 419, 420, 424, 425, 426*, 429*, 455CG, 455SC, 456P, 456W, 477, 478, 1412, 1416, 1475.

*Originally supplied with TRM6P white metal trim rings. All others are supplied with white plastic trim rings.

Oversized Trim Rings

For use when ceiling opening is cut too large.

Compatible with 6" trims: 310, 376, 378, 400, 404, 405, 410, 416, 419, 420, 424, 425, 426, 429, 477, 478, 1412, 1416, 1475.



Size	6" ID x 9-1/4" OD
Details	Oversized white metal trim ring for designated 6" trims.
0T403P	
Size	6" ID x 8" DD

Oversized gloss white plastic trim

ring for designated 6" trims.

Oversized Trim Ring

For use when ceiling opening is cut too large.

Compatible with 4" trims: 990, 992, 993, 994, 996, 998, 999, 1419, 1420, 1421, 1493 and 1498.

Details



OT999P	
Size	4" ID x 5-3/4" OD
Details	Oversized white metal trim ring.

Oversized Trim Ring



OT460P	
Size	7-1/2" ID x 11-1/4" OD
Details	Oversized white metal trim ring
800PGR	
800PGR Size	7-1/2" ID x 8-5/8" OD

Dichroic Color Filters



L114	UV Filter
L120	Red
L121	Amber
L122	Yellow
L123	Green
L124	Daylight
L125	Blue
L127	Cosmetic Color Filters
L130	Yellow

Transformer



Steps 277V line voltage down to 120V fixture operating voltage. 300VA max. Details For use with Non-IC H7 housings.

H347

Details

Same as above but steps 347V down to 120V, 75 VA max. For use with Non-IC H7 housings.

H347200

Same as above but steps 347V down to 120V, 200 VA max. For use with Non-IC H7 housings.

6" Retrofit Adapter Band (ML7RAB)



Provides torsion spring mounting capability for 6" housings that do not have torsion spring brackets. 4 pack includes: 4 - retrofit adapter bands, 16 - metal piercing screws, 8 - retrofit lever-action wire nuts

Optical Lenses



For low voltage MR16 units	
L110	Diffuse sand blasted lens
L111	Soft focus textured lens
L113	Prismatic lens
L115	Linear spread lens

Oversized Trim Ring



OT500P	
Size	6" ID x 7-1/4" OD
Details	Oversized white polymer trim ring for use with 5", 5000 series straight sided trims ONLY. (Not for use with 5100, 5200 or 5300 series trims)

Accessories

H930 R/PAR Lamp Aiming Accessory



For H7T, H7RT, H7ICT, H7ICAT, H7RICAT, H7RICAT housings with 310 and 426 trims. Allows lamp to be aimed up to 30° from vertical and rotated 358°. See housing-trim selection for lamp listings.

Mounting Clips



T-Bar attachment clips. Can also be used with HB424 and HB224 hanger bars. Can be used with H7TCP and H750TCP housings hanger bars.
Set of four. Order one set per fixture.

Bar Hangers



Hanger bars are compatible with the brick and step lighting

HB224

TB7

Details	One piece hanger bar for 24" maximum joist spacing. Set of two

HB424

	Two piece hanger bar for 24" max
Details	joist spacing. Set of four pieces.
	Order one HB424 per fixture.

Socket Extender



H1999

Details For use with selected trims and housings. Extends lamp 1" (25mm).

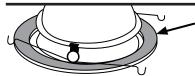
Coil Springs (RS7H)



Set of 4 coil springs for use with coil spring compatible trims



GA-ATTRIM-6PK



Accessory / spare trim gasket for use with 6" family trims

SD2925 Screwdriver



Screwdriver for tamper resistant screws supplied with H2925 and H2926 brick lights

Oversized LED Retrofit Housing Adapter



0H470WH	
Size	6" ID x 9-1/4" OD
Details	Oversize housing adapter. For use with open frame retrofit enclosures ML7E26RFK and ML7BXRFK.

Incandescent Lamps







Z 7	20W T 6-1/2" IF	
Z 9	40W R16 FL	
Z10	100W BR25	
Z28	120V GU10 base, line voltage MR16	

Low Voltage Lamps





Z21	12V Q50W MR16 NSP
Z26	12V Q50W MR16 NFL
Z31	12V Q50W MR16 FL
Z40	12V Q75W MR16 NSP
Z45	12V Q75W MR16 FL
Z121	50W MR16/Q/10°/TL* (GE Turn-and-Lock base)
Z131	50W MR16/Q/20°/TL* (GE Turn-and-Lock base)
Z124	50W MR16/Q/40°/TL* (GE Turn-and-Lock base)
* Danlasana	The second control of

^{*} Replacement service part ONLY

6" Open Frame LED Retrofit



6" Non-IC LED retrofit enclosure

Details with hard-wired BX connection for retrofit of 6" open frame fixtures

HALO



6" Non-IC LED retrofit enclosure

Details with E26 screw base for 6" open frame fixtures

ML7BXRFK

/8		
	260, 273, 300, 316,	
	184,	
	209, 221,	
	330,	
₹12W	330,	359
116BA		331
416C		330
116W		331
₽20TBZ		199
₽21 C		197
121CG		197
₽21H		197
130MWWF.		170
431BBWF		170
431BN		170
ŧ33Н		172
133HWF		172
133MWWF.		172
434BN		170
134GB		170
136MWWB		173
137BNBB		172
137GBBB		172
41WBWF		174
144BN		174
144GB		174
		1/5
		47-
145MWWB		

1447BNBB		
1447GBBB		176
1447MWBB		176
1447MWWB		
1449AAG		
1450P		
1453SN		
1453TBZ		198
1464BN		171
1464GB		
1464MB		
1464MW		
1465BNBB		171
1465GBBB		171
1465MWBB		171
1465MWWB		
1466MWBB		
1466MWWB		
1467BNBB		172
1467GBBB		172
1467MWBB		172
1467MWWB		
1475P		
1475W		331
1479P		331
1479W		331
1484BN		
1484GB		
1484MB		
1484MW		
1485BNBB		175
1485GBBB		175
1485MWBB		
1485MWWB		
1486MWBB		
1486MWWB		
1487BNBB		177
1487GBBB		177
1487MWBB		
1487MWWB		
1489AAG		
1493BC		
1493P		198
1493TBZ		198
1493W		
1/0ECN		
1495SN		199
1495TBZ		199 199
1495TBZ		199 199 199
1495TBZ		199 199 199
1495TBZ		199 199 199 199
1495TBZ		199 199 199 199 199
1495TBZ		199 199 199 199 199 199
1495TBZ		199 199 199 199 199 199 200
1495TBZ 1496P 1496SN 1496TBZ 1497P 1498BC 1498P		199 199 199 199 199 199 200 200
1495TBZ 1496P 1496SN 1496TBZ 1497P 1498BC 1498P		199 199 199 199 199 200 200 200
1495TBZ		199 199 199 199 199 200 200 200
1495TBZ 1496P 1496SN 1496TBZ 1497P 1498BC 1498P		199 199 199 199 199 200 200 200
1495TBZ 1496P 1496SN 1496TBZ 1497P 1498BC 1498P 1498SN 1498TBZ		199 199 199 199 199 200 200 200 200
1495TBZ 1496P 1496SN 1496TBZ 1497P 1498BC 1498P 1498SN 1498TBZ 1498PD 1498TBZ 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 3	359,	199 199 199 199 199 200 200 200 200 361
1495TBZ 1496P 1496SN 1496TBZ 1497P 1498BC 1498PN 1498N 1498TBZ 1498VN 170P 268, 281, 292, 305, 325, 339, 352, 3170PS	359,	199 199 199 199 199 200 200 200 200 200 361 361
1495TBZ 1496P 1496SN 1496TBZ 1496TBZ 1497P 1498BC 1498P 1498BC 1498P 1498SN 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 3170PS 268, 281, 292, 305, 325, 339, 352, 3171P 268, 281, 293, 305, 325, 339, 352, 3171P	359, 339,	199 199 199 199 199 200 200 200 200 361 361 352
1495TBZ 1496P 1496SP 1496TBZ 1496TBZ 1497P 1498BC 1498P 1498SN 1498TBZ 1498TBZ 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 370PS 170PS 268, 281, 292, 305, 325, 339, 352, 370PS 171PS 268, 281, 293, 305, 325, 339, 352, 370PS 171PS 268, 281, 293, 305, 325, 339, 352, 370PS 171PS 268, 281, 293, 305, 325, 339, 352, 370PS	359, 339, 339,	199 199 199 199 199 200 200 200 200 361 361 352 352
1495TBZ 1496P 1496SN 1496TBZ 1496TBZ 1497P 1498BC 1498P 1498BC 1498P 1498SN 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 3170PS 268, 281, 292, 305, 325, 339, 352, 3171P 268, 281, 293, 305, 325, 339, 352, 3171P	359, 339, 339,	199 199 199 199 199 200 200 200 200 361 361 352 352
1495TBZ 1496P 1496SP 1496TBZ 1496TBZ 1497P 1498BC 1498P 1498SN 1498TBZ 1498TBZ 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 370PS 170PS 268, 281, 292, 305, 325, 339, 352, 370PS 171PS 268, 281, 293, 305, 325, 339, 352, 370PS 171PS 268, 281, 293, 305, 325, 339, 352, 370PS 171PS 268, 281, 293, 305, 325, 339, 352, 370PS	359, 339, 339,	199 199 199 199 199 200 200 200 200 361 361 352 352
1495TBZ 1496F 1496SN 1496TBZ 1497P 1498BC 1498PN 1498N 1498TBZ 1498VW 170P 268, 281, 292, 305, 325, 339, 352, 3170PS 268, 281, 292, 305, 325, 339, 352, 3171P 268, 281, 292, 305, 325, 339, 352, 3171PS 268, 281, 293, 305, 325, 325, 325, 325, 325, 325, 325, 32	359, 359, 339, 339,	199 199 199 199 199 200 200 200 200 361 352 352 352 293
1495TBZ 1496FB 1496FB 1496SN 1496TBZ 1497P 1498BC 1498P 1498SN 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 293, 305, 325, 325, 325, 325, 325, 325, 325, 32	359, 339, 339, 339,	199 199 199 199 199 200 200 200 200 361 352 352 352 293 352
1495TBZ 1496F 1496F 1496SN 1496TBZ 1497P 1498BC 1498P 1498SN 1498TBZ 1498TBZ 1498PD 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 3700 170PS. 268, 281, 292, 305, 325, 339, 352, 3700 171P 268, 281, 293, 305, 325, 325, 339, 352, 325, 339, 352, 3500 171PS. 268, 281, 293, 305, 325, 325, 325, 325, 325, 325, 325, 32	359, 339, 339, 339, 339,	199 199 199 199 199 200 200 200 200 361 352 352 352 293 352 293 352
1495TBZ 1496F 1496SP 1496SN 1496TBZ 1497P 1498BC 1498P 1498SN 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 370 (1988) 170P 268, 281, 292, 305, 325, 339, 352, 370 (1988) 171P 268, 281, 293, 305, 325, 325, 325, 325, 325, 325, 325, 32	3359, 339, 339, 339, 339, 339,	199 199 199 199 199 200 200 200 361 352 352 352 352 352 352 352 352
1495TBZ 1496FB 1496FB 1496SN 1496TBZ 1497P 1498BC 1498P 1498SN 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498WW	359, 339, 339, 339, 339, 339,	199 199 199 199 199 200 200 200 200 361 352 352 293 352 293 352 200
1495TBZ 1496FB 1496FB 1496SN 1496TBZ 1497P 1498BC 1498P 1498BS 1498TBZ 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 293, 305, 325, 339, 352, 370PS 269, 281, 293, 305, 325, 325, 325, 325, 325, 325, 325, 32	359, 339, 339, 339, 339,	199 199 199 199 200 200 200 200 361 352 352 293 352 293 352 200 200
1495TBZ 1496P 1496SN 1496TBZ 1497P 1498BC 1498P 1498SN 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 370 (17) (17) (17) (17) (17) (17) (17) (17)	359, 339, 339, 339, 339,	199 199 199 199 200 200 200 200 361 352 352 352 293 352 200 200 200
1495TBZ 1496FB 1496FB 1496SN 1496TBZ 1497P 1498BC 1498P 1498BS 1498TBZ 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 293, 305, 325, 339, 352, 370PS 269, 281, 293, 305, 325, 325, 325, 325, 325, 325, 325, 32	359, 339, 339, 339, 339,	199 199 199 199 200 200 200 200 361 352 352 352 293 352 200 200 200
1495TBZ 1496FB 1496FB 1496SN 1496TBZ 1497P 1498BC 1498P 1498SN 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498WW	359, 339, 339, 339, 339,	199 199 199 199 200 200 200 200 361 352 352 352 293 352 200 200 200 200 200 200 200 200 200 2
1495TBZ 1496FB 1496FB 1496SN 1496TBZ 1497P 1498BC 1498P 1498BC 1498P 1498SN 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498WW 170P 268, 281, 292, 305, 325, 339, 352, 3700 170PS 268, 281, 292, 305, 325, 339, 352, 3700 171PS 268, 281, 292, 305, 325, 339, 352, 3700 171PS 268, 281, 293, 305, 325, 325, 339, 352, 3700 171PS 268, 281, 293, 305, 326, 3700 172SNS 172PS 269, 281, 293, 305, 326, 373P 269, 281, 293, 306, 326, 373P 269, 281, 293, 306, 326, 373PS 269, 281, 293, 306, 32	359, 339, 339, 339, 339,	199 199 199 199 200 200 200 200 361 352 352 352 293 352 200 200 200 200 200 200 200 200 200 2
1495TBZ 1496F 1496F 1496SN 1496TBZ 1497P 1498BC 1498P 1498SN 1498TBZ 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 370, 325, 339, 352, 370, 325, 339, 352, 370, 325, 339, 352, 370, 325, 339, 352, 370, 325, 339, 352, 370, 325, 339, 352, 370, 325, 339, 352, 370, 325, 325, 339, 352, 370, 325, 325, 339, 352, 370, 325, 325, 325, 325, 325, 325, 325, 325	359, 339, 339, 339, 339, 339,	199 199 199 199 200 200 200 200 361 352 352 352 293 352 200 200 200 200 200 200 200 200 361 361 352 352 200 200 200 200 361 361 361 362 200 200 200 200 200 200 200 200 200 2
1495TBZ 1496FB 1496FB 1496SN 1496TBZ 1497P 1498BC 1498P 1498SN 1498TBZ 1498P 1498SN 170P 268, 281, 292, 305, 325, 339, 352, 370P 268, 281, 293, 305, 325, 339, 352, 370P 268, 281, 293, 305, 325, 339, 352, 370P 268, 281, 293, 305, 325, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 325, 325, 339, 325, 325, 339, 325, 325, 339, 325, 325, 339, 325, 325, 339, 325, 325, 339, 325, 325, 339, 325, 325, 339, 325, 325, 339, 325, 325, 339, 325, 325, 325, 325, 325, 325, 325, 325	359, 339, 339, 339, 339, 339, 151,	199 199 199 199 200 200 200 200 361 352 352 352 293 352 200 200 200 200 200 200 201 201 201 20
1495TBZ 1496FP 1496FN 1496TBZ 1497F 1498BC 1498BC 1498BC 1498BN 1498SN 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498WW 170P 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 293, 305, 325, 339, 352, 352, 370PS 269, 281, 293, 305, 326, 370PS 269, 281, 293, 305, 326, 370PS 269, 281, 293, 306, 326, 370PS 3001SNBS 3001SNBB 3001SNBB	359, 339, 339, 339, 339, 151, 151,	199 199 199 199 200 200 200 361 352 352 352 293 352 200 200 200 200 200 200 200 200 162 162
1495TBZ 1496FB 1496FB 1496SN 1496TBZ 1497P 1498BC 1498P 1498SN 1498TBZ 1498P 1498SN 170P 268, 281, 292, 305, 325, 339, 352, 370P 268, 281, 293, 305, 325, 339, 352, 370P 268, 281, 293, 305, 325, 339, 352, 370P 268, 281, 293, 305, 325, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 352, 325, 339, 325, 325, 339, 325, 325, 339, 325, 325, 339, 325, 325, 339, 325, 325, 339, 325, 325, 339, 325, 325, 339, 325, 325, 339, 325, 325, 339, 325, 325, 339, 325, 325, 325, 325, 325, 325, 325, 325	359, 339, 339, 339, 339, 151, 151,	199 199 199 199 200 200 200 361 352 352 352 293 352 200 200 200 200 200 200 200 200 162 162
1495TBZ 1496FP 1496FN 1496TBZ 1497F 1498BC 1498BC 1498BC 1498BN 1498SN 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498TBZ 1498WW 170P 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 293, 305, 325, 339, 352, 352, 370PS 269, 281, 293, 305, 326, 370PS 269, 281, 293, 305, 326, 370PS 269, 281, 293, 306, 326, 370PS 3001SNBS 3001SNBB 3001SNBB	359, 339, 339, 339, 339, 151, 151, 151,	199 199 199 199 200 200 200 361 352 352 352 293 352 200 200 200 200 200 200 200 201 201 20
1495TBZ 1496FB 1496FB 1496SN 1496TBZ 1497P 1498BC 1498P 1498SN 1498TBZ 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 293, 305, 325, 325, 339, 352, 370PS 268, 281, 293, 305, 325, 325, 325, 325, 325, 325, 325, 32	359, 339, 339, 339, 339, 151, 151, 151,	199 199 199 199 199 200 200 200 361 352 352 352 293 352 200 200 200 200 200 200 162 162 162 162
1495TBZ 1496FB 1496FB 1496SN 1496TBZ 1497P 1498BC 1498BC 1498BC 1498RSN 1498TBZ 1498RSN 1498TBZ 1498WW 170P 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 293, 305, 325, 339, 352, 370PS 269, 281, 293, 305, 325, 339, 352, 370PS 269, 281, 293, 305, 326, 326, 326, 326, 326, 326, 326, 326	359, 339, 339, 339, 339, 151, 151, 151, 151,	199 199 199 199 199 200 200 200 361 352 352 352 293 352 200 200 200 200 200 200 162 162 162 162 162
1495TBZ 1496FP 1496FN 1496TBZ 1497P 1498BC 1498P 1498BC 1498P 1498SN 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 292, 305, 325, 339, 352, 370PS 270PS 268, 281, 292, 305, 325, 339, 352, 370PS 270PS 268, 281, 292, 305, 325, 339, 352, 370PS 270PS	359, 339, 339, 339, 339, 151, 151, 151, 151, 151,	199 199 199 199 199 200 200 200 361 352 352 352 293 352 200 200 200 200 200 200 2162 2162 162 162 162 162
1495TBZ 1496F 1496F 1496SN 1496TBZ 1497P 1498BC 1498P 1498SN 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 370PS 170PS 268, 281, 292, 305, 325, 339, 352, 370PS 171P 268, 281, 292, 305, 325, 339, 352, 370PS 171P 268, 281, 293, 305, 325, 339, 352, 370PS 172FS 269, 281, 293, 305, 325, 325, 339, 352, 370PS 172FS 269, 281, 293, 305, 325, 325, 325, 325, 325, 325, 325, 32	339, 339, 339, 339, 151, 151, 151, 151, 151,	199 199 199 199 200 200 200 200 361 352 352 293 352 200 200 200 200 200 200 200 200 200 2
1495TBZ 1496FB 1496FB 1496SN 1496TBZ 1497P 1498BC 170PD 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 293, 305, 325, 339, 352, 370PS 269, 281, 293, 305, 325, 339, 352, 370PS 269, 281, 293, 305, 326, 372PS 269, 281, 293, 305, 326, 372PS 269, 281, 293, 306, 326, 373P 269, 281, 293, 306, 326, 373PS 269, 281, 293, 306, 326, 373PS 269, 281, 293, 306, 326, 373PS 301BKBS 3001BKBB 3001BKBB 3001BBB 3001BBB 3001WHBB 3001WHBB 3003WHC 3003SNB	359, 359, 339, 339, 339, 339, 151, 151, 151, 151, 151, 148, 148,	199 199 199 199 200 200 200 200 361 352 352 352 200 200 200 200 200 200 200 200 200 2
1495TBZ 1496FP 1496FN 1496FB 1496SN 1496TBZ 1497P 1498BC 1498BC 1498P 1498SN 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 3700 Sep. 325, 330 Sep. 325, 370 Sep. 325, 370 Sep. 326, 281, 293, 305, 326, 372 Sep. 326, 281, 293, 305, 326, 372 Sep. 326, 326, 326, 326, 326, 326, 326, 326,	359, 359, 339, 339, 339, 339, 151, 151, 151, 151, 148, 148, 148,	199 199 199 199 200 200 200 200 361 361 352 352 293 352 200 200 200 200 162 162 162 162 162 162 1659 159
1495TBZ 1496FP 1496SP 1496SN 1496TBZ 1497P 1498BC 1498P 1498SN 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 3700, 325, 339, 352, 3700, 325, 339, 352, 3700, 325, 339, 352, 3700, 325, 325, 339, 352, 3700, 325, 325, 339, 352, 3700, 325, 325, 339, 352, 3700, 325, 325, 325, 325, 325, 325, 325, 325	359, 339, 339, 339, 339, 151, 151, 151, 148, 148, 148,	199 199 199 199 200 200 200 361 352 352 352 352 200 200 200 200 200 200 200 200 200 2
1495TBZ 1496FP 1496FN 1496FB 1496SN 1496TBZ 1497P 1498BC 1498BC 1498P 1498SN 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 3700 Sep. 325, 330 Sep. 325, 370 Sep. 325, 370 Sep. 326, 281, 293, 305, 326, 372 Sep. 326, 281, 293, 305, 326, 372 Sep. 326, 326, 326, 326, 326, 326, 326, 326,	359, 339, 339, 339, 339, 151, 151, 151, 148, 148, 148,	199 199 199 199 200 200 200 361 352 352 352 352 200 200 200 200 200 200 200 200 200 2
1495TBZ 1496FP 1496SP 1496SN 1496TBZ 1497P 1498BC 1498P 1498SN 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 3700, 325, 339, 352, 3700, 325, 339, 352, 3700, 325, 339, 352, 3700, 325, 325, 339, 352, 3700, 325, 325, 339, 352, 3700, 325, 325, 339, 352, 3700, 325, 325, 325, 325, 325, 325, 325, 325	339, 339, 339, 339, 151, 151, 151, 148, 148, 148, 148,	199 199 199 199 200 200 200 200 361 361 352 352 200 200 200 200 200 162 162 162 162 162 169 159 159 159
1495TBZ 1496FP 1496FN 1496TBZ 1497F 1497F 1498BC 1498BC 1498BC 1498BSN 1498TBZ 1498SN 1498TBZ 1498SN 170P 268, 281, 292, 305, 325, 339, 352, 370, 325, 339, 352, 370, 325, 339, 352, 370, 325, 339, 352, 370, 325, 339, 352, 370, 325, 339, 352, 370, 325, 339, 352, 370, 325, 325, 339, 352, 370, 325, 325, 325, 325, 325, 325, 325, 325	359, 339, 339, 339, 339, 151, 151, 151, 151, 148, 148, 148, 148, 148,	199 199 199 199 200 200 200 200 361 361 352 352 352 200 200 200 200 200 200 162 162 162 162 169 159 159 159 159
1495TBZ 1496FP 1496FN 1496TBZ 1497P 1498BC 1498P 1498BC 1498P 1498SN 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 293, 305, 325, 339, 352, 370PS 268, 281, 293, 305, 325, 325, 325, 325, 325, 325, 325, 32	3359, 339, 339, 339, 339, 339, 339, 339,	199 199 199 199 200 200 200 361 361 362 352 352 352 200 200 200 200 200 200 162 162 162 162 162 1659 159 159 159 159
1495TBZ 1496FP 1496FN 1496TBZ 1497P 1498BC 1498P 1498BC 1498P 1498SN 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 370 Sept. 170PS 268, 281, 292, 305, 325, 339, 352, 370 Sept. 171P 268, 281, 292, 305, 325, 339, 352, 370 Sept. 171PS 268, 281, 293, 305, 325, 370 Sept. 171PS 268, 281, 293, 305, 325, 370 Sept. 171PS 268, 281, 293, 305, 325, 370 Sept. 172PS 269, 281, 293, 305, 326, 370 Sept. 172PS 269, 281, 293, 305, 326, 370 Sept. 173PS 269, 281, 293, 306, 326, 370 Sept. 173PS 269, 281, 293, 306, 326, 370 Sept. 173PS 1951PS	359, 359, 339, 339, 339, 339, 339, 339,	199 199 199 199 199 200 200 200 361 361 362 352 352 352 200 200 200 200 162 162 162 162 162 162 1659 159 159 159 159
1495TBZ 1496FP 1496FN 1496TBZ 1497P 1497B 1498BC 1498BC 1498R 1498SN 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 292, 305, 325, 339, 352, 370PS 268, 281, 293, 305, 325, 339, 352, 370PS 269, 281, 293, 305, 325, 339, 352, 370PS 269, 281, 293, 305, 326, 370PS 269, 281, 293, 305, 326, 370PS 269, 281, 293, 305, 326, 370PS 269, 281, 293, 306, 326, 370PS 3018BS 3001WHBS 3001WHBB 3001WHBB 3001WHBB 3003WHWB 3003WHWB 3003WHWB 3003WHWB 3003WHWB 3004WHC 3003WHWB 3004WHC 3004WHC 3004WHC 3004WHC 3004WHC 3004WHWB	359, 339, 339, 339, 339, 339, 339, 339,	199 199 199 199 200 200 200 200 361 361 352 352 293 352 200 200 200 200 200 162 162 162 162 162 1659 159 159 159 159 159
1495TBZ 1496FP 1496FN 1496TBZ 1497P 1498BC 1498P 1498BC 1498P 1498SN 1498TBZ 1498W 170P 268, 281, 292, 305, 325, 339, 352, 370, 325, 339, 352, 370, 325, 339, 352, 370, 325, 339, 352, 370, 325, 339, 352, 370, 325, 339, 352, 370, 325, 339, 352, 370, 325, 339, 352, 370, 325, 339, 352, 370, 325, 339, 352, 370, 326, 373, 326, 373, 326, 373, 326, 373, 326, 373, 326, 373, 326, 326, 326, 326, 326, 326, 326, 32	359, 339, 339, 339, 339, 339, 339, 339,	199 199 199 199 199 200 200 200 361 361 352 352 352 352 200 200 200 200 162 162 162 162 162 169 159 159 159 159 159 159 159
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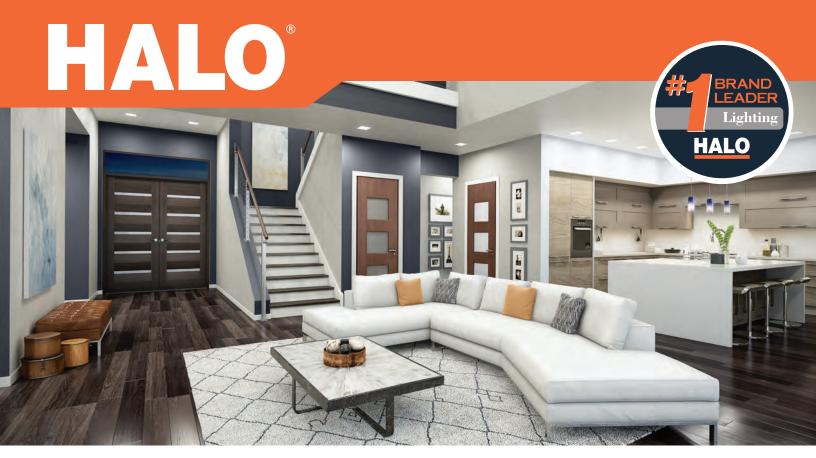
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