

FEATURES & SPECIFICATIONS

INTENDED USE — Use in high-mounting heights that require high efficiencies and horizontal illumination and high vertical illumination. Ideal for manufacturing and warehouse aisles.

CONSTRUCTION — Housing — Heavy-duty, die-cast aluminum halves. Ballast and electrical components are heat-sunk and horizontally opposed. Integral splice box mounting flange ensures structural integrity.

Finish: Electrostatically applied white polyester powder paint.

OPTICS — One-piece hydroformed, anodized aluminum reflector provides rectangular distribution for maximum luminaire spacing and high vertical illumination.

ELECTRICAL — Ballast: All ballasts are 100% factory tested. High Pressure Sodium: Constant wattage autotransformer; Metal Halide: D.O.E 2017 and EISA 2017 compliant Pulse Start, Super Constant Wattage Autotransformer. All US shipments must order SCWA option.

CSA, NOM or INTL required for probe start shipments outside the US.

Socket: Vertically oriented mogul base PROTECTED EXCLUSIONARY base "PINK" socket with copper alloy nickel plated screw shell and center contact. For use with "O" rated protected metal halide lamps only.

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INSTALLATION — Pendant Splice Box — Removable sheet metal box slides on integral die-cast aluminum housing mounting flange and mounts to 3/4" pendant conduit prior to ballast housing installation. Matching wire access cover accepts RELOC® modular wiring. Complete assembly meets or exceeds UL 50-pound pull test.

Optic Mounting — Adjustable reflector mounting brackets are progressively die-formed of 18-gauge galvanized steel.

LISTINGS — UL listed -30°C to 55°C ambient operations & damp locations. High ambient (HA option) of 65°C available. Listed and labeled to comply with Canadian Standards. NOM Certified (see Options).

WARRANTY — 1-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

Catalog Number
Notes
Type

Open High Bay Industrial Lighting

TH A14

ALUMINUM OPTICAL

PROTECTED METAL HALIDE
175W - 400W
HIGH PRESSURE SODIUM
150W - 400W

18' TO 30' MOUNTING



Specifications

Overall height: 17-3/4 to 19-1/2 (45.1 to 49.5)

Width: 16-3/16 x 13-5/8 (41.1 x 34.6)

Reflector height: 8-1/8 (20.6)

Weight: 27 lbs (12 kg)

All dimensions are inches (centimeters) unless otherwise specified.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: TH 400MP A14 120

TH	A14						
Series	Wattage	Reflector	Voltage	Ballast ⁶	Options		
TH	High pressure sodium	A14	120	 NOTE: For shipments to U.S. Territories, SCWA must be specified to comply with EISA.	Shipped installed in fixture SF Single fuse (120, 277, 347V) ⁸ DF Double fuse (208, 240, 480V) ⁸ EC Emergency circuit ^{9,10} QRS Quartz restrike system ^{9,10} QRSTD QRS time delay ^{9,10} HA 65°C ambient operation CR Corrosion-resistant finish TOB Through-wire outlet box TOBP Through-wire outlet box plug-in ⁸ PBP Pendant box plug-in ⁸ LCPP Loop, cord, plug requires TPH or PPH ⁸ LC3P Loop, 3' cord, 15A NEMA twist-lock plug ^{8,11} HC3P Hook, 3' cord, 15A NEMA twist-lock plug ^{8,11} LOCS Loop, 5' white cord, Reloc OCS ^{8,12}		
	150S 200S		208 ^{2,3}				HOCS Hook, 5' white cord, Reloc OCS ^{8,12}
	250S 400S		240 ^{2,3,4}				LOCU Loop, 5' white cord, Reloc OCU ^{7,8,11,12,13}
	Protected metal halide		277				HOCU Hook, 5' white cord, Reloc OCU ^{7,8,11,12,13}
	175MP ^{1,6,14} 250MP ¹⁴		347			SCWA Super constant wattage autotransformer	TR Remote ballast ⁷
	200MP ¹ 320MP ¹		480 ^{1,2}			RLB Regulated lag ballast ⁶	RC3NP TR with prewired 3' cord ⁸
	350MP ^{1,14} 400MP ¹⁴		TB ⁵			SCWI Isolated SCWA ⁶ (blank)	ENC Encapsulated CWA ballast (120, 277, 347V)
	Protected metal halide - Title 20 ^{1,15}					(blank) Standard magnetic ballast ⁶	KW1 Kilowatch [®] 120V control relay ⁷
	200MP 320MP					CWI Constant wattage isolated ⁶	KW4 Kilowatch 277V control relay ⁷
						MRB Magnetic regulator ballast	KW150 Kilowatch 120V control relay 50% light output ⁷
			KW450 Kilowatch 277V control relay 50% light output ⁷				
			KW15 KiloWatch II with integral sensor				
			WG Wire guard				
			CSA Listed and labeled to comply with Canadian Standards				
			NOM NOM Certified (Consult factory)				

Notes

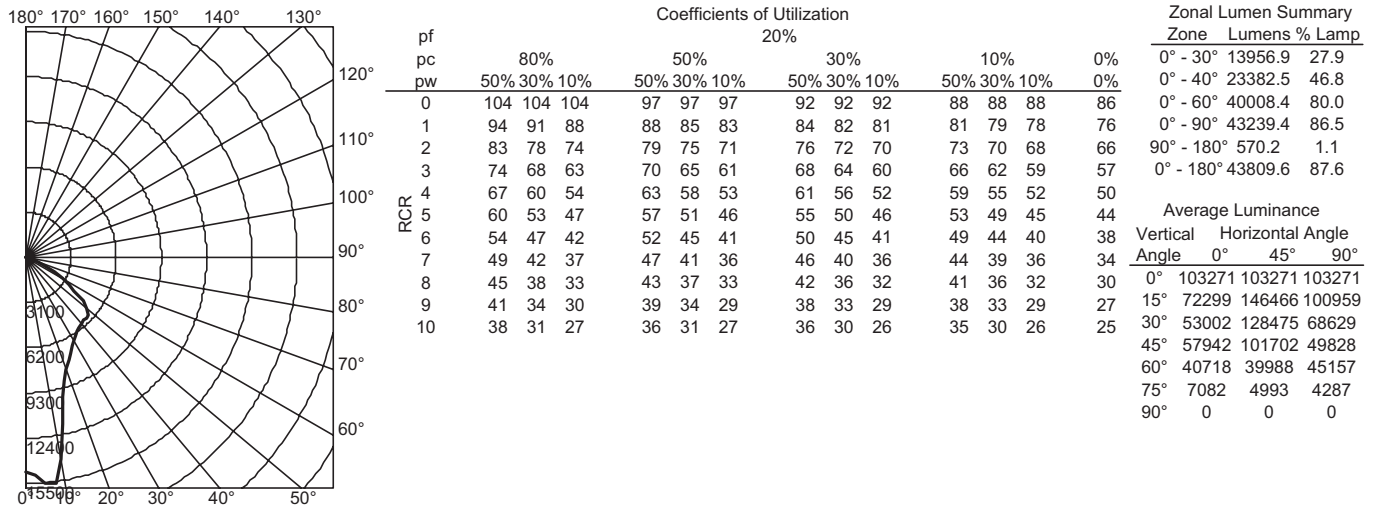
- Not available with 480V.
- Requires CWI or RLB option in Canada for MH. Available in 175-400W.
- Requires CWI or MRB option in Canada for HPS. Available in 70-400W.
- 220V and 240V 50Hz and 60Hz ballasts available for use with U.S. metal halide lamps.
- Optional multi-tap ballast (120, 208, 240, 277V). For voltage specific options specify tap position (TB1=120V, TB2=208V, TB3=240V, TB4=277V).
- Available for shipments outside of U.S. only.
- For specific ordering information, see Product Selection Guide.
- Must specify voltage or tap position.
- Lamp not included.
- See Product Selection Guide (QRS Lamp Wattage Table) for maximum lamp wattage.
- 20A standard 480V.
- May be ordered with 10', 15' and 20' cords. For black cord, specify BK (i.e. HOC5BK).
- When using RELOC with KiloWatch, LOCU or HOCU option must be used with TAP1KW, TAP3KW or TAP13KW. Consult factory for 208, 240, 480V.
- In order to comply with California Title 20 regulations for metal halide fixtures, these metal halide wattages must be ordered with KW15 option for sale to California.
- These wattages comply with California Title 20.

Accessories: Order as separate catalog number.			
HKF	Fixture hook female	LPMG	Grommeted fixture loop male
LPF	Fixture loop female	TPH	Throughwire power hook
SCK	60" safety chain kit	PPH	Pendant power hook
TMB	Twin-mounting bar (consult factory)	DCY	Cylinder shade
HKM	Fixture hook male	DSQ	Square shade
HKMG	Grommeted fixture hook male	DHX	Hexagonal shade
LPM	Fixture loop male		

TH A14 High Bay

PHOTOMETRICS

TH 400S A14, 400W high pressure sodium lamp, 5000 rated lumens, test no.: LTL15811



1. Other distributions are available. Consult factory.