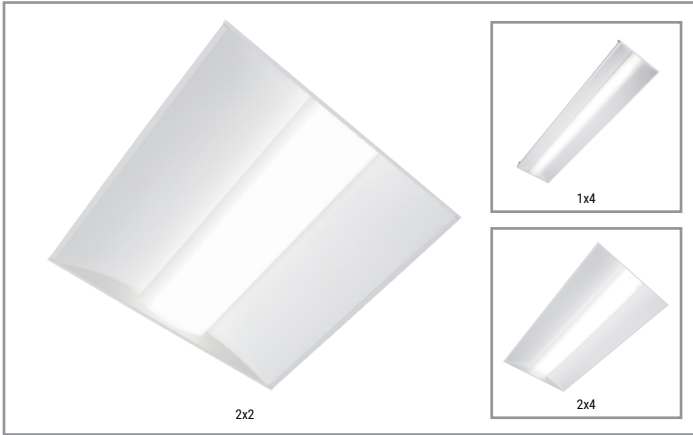


| | | | | | |
|-------------|--|-----------|--|------|--|
| Project | | Catalog # | | Type | |
| Prepared by | | Notes | | Date | |



Metalux

CZS Selectable Troffer

Cruze ST Selectable Lumens and CCT
1x4 / 2x2 / 2x4

Typical Applications

Offices • Education • Healthcare • Retail

Interactive Menu

- Order Information [page 3](#)
- Photometric Data [page 4](#)
- Product Warranty

Product Features

- Design friendly with (3) selectable color temperatures and (3) selectable lumen packages
- Latch-less design provides clean architectural look and feel
- Curved and square lens for an upgraded look
- Up to 156 LPW for increased energy savings and reduced watts per square foot

Product Certification

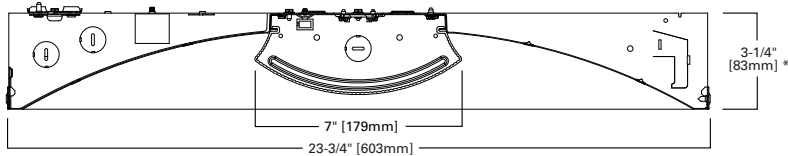


Product Features



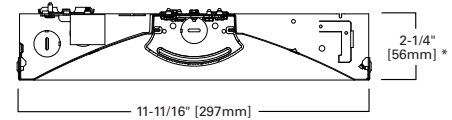
Dimensional and Mounting Details

2x2 / 2x4



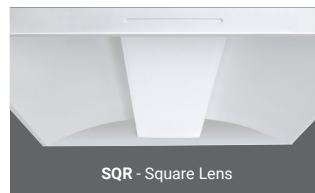
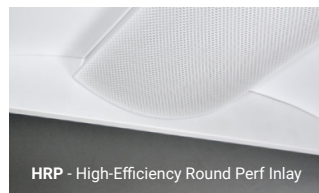
*When combined with emergency total height is increased by 1 inch.

1x4



*Battery option increases total height by 1 inch.

Shielding Options



See ordering information for more shielding options.

[additional product diagrams](#)

Non-configurable SKUs (In Stock 1/30/2023)

| Size | Catalog | Lumen Setting | CCT | CRI (Min) | Delivered Nominal Lumens | Watts | Efficacy (lm/W) |
|------|--------------|---------------|-------|-----------|--------------------------|-------|-----------------|
| 2X2 | 22CZSCT3-UNV | Low | 3000K | 80 | 2717 | 21.4 | 127 |
| | | | 3500K | 80 | 2979 | 20.6 | 145 |
| | | | 4000K | 80 | 2887 | 21.4 | 135 |
| | | Medium | 3000K | 80 | 3271 | 27.1 | 121 |
| | | | 3500K | 80 | 3652 | 26.1 | 140 |
| | | | 4000K | 80 | 3479 | 27.2 | 128 |
| | | High | 3000K | 80 | 3609 | 30.8 | 117 |
| | | | 3500K | 80 | 4074 | 29.7 | 137 |
| | | | 4000K | 80 | 3833 | 31.2 | 123 |
| 2X4 | 24CZSCT3-UNV | Low | 3000K | 80 | 3500 | 24.7 | 142 |
| | | | 3500K | 80 | 3737 | 23.9 | 156 |
| | | | 4000K | 80 | 3728 | 24.7 | 151 |
| | | Medium | 3000K | 80 | 4766 | 35.1 | 136 |
| | | | 3500K | 80 | 5166 | 33.7 | 153 |
| | | | 4000K | 80 | 5073 | 35.3 | 144 |
| | | High | 3000K | 80 | 5972 | 46.7 | 128 |
| | | | 3500K | 80 | 6579 | 44.4 | 148 |
| | | | 4000K | 80 | 6341 | 46.8 | 135 |
| 1X4 | 14CZSCT3-UNV | Low | 3000K | 80 | 2964 | 20.9 | 142 |
| | | | 3500K | 80 | 3167 | 20.3 | 156 |
| | | | 4000K | 80 | 3169 | 20.9 | 152 |
| | | Medium | 3000K | 80 | 3658 | 26.5 | 138 |
| | | | 3500K | 80 | 3921 | 25.7 | 153 |
| | | | 4000K | 80 | 3899 | 26.5 | 147 |
| | | High | 3000K | 80 | 4089 | 30.3 | 135 |
| | | | 3500K | 80 | 4401 | 29.1 | 151 |
| | | | 4000K | 80 | 4362 | 30.3 | 144 |

Shipping Data

| Size | Wt. | Pallet Size | Pallet Qty. |
|---------|-----------|----------------------|-------------|
| 2' x 2' | 12.5 lbs. | 49"L x 52"W x 55"H | 48 |
| 2' x 4' | 20.4 lbs. | 49"L x 52"W x 46"H | 28 |
| 1' x 4' | 22 lbs. | 52"L x 49"W x 53.5"H | 32 |

Product Specifications

Construction

- Die formed of code gauge prime cold rolled steel with full length die-formed stiffeners
- Unibody endplates attached with interlocking tabs and screws
- Four auxiliary fixture end suspension points
- Integral Grid-lock feature for endplates for added safety
- Optional earthquake clips available

Integrated Controls

- Standard 0-10V dimming driver down to 10%

LED and Light Engine

- Selectable Color temperature choices 3000K, 3500K, and 4000K
- Selectable lumen output choices of low, medium, high
- TM21 life at 60,000 hours up to L94 and calculated L70 exceeds 290,000 hrs.
- Driver 120-277V Standard

Emergency Options

- Optional emergency battery available in 7W and 14W
- Self diagnostic 10W emergency battery option available
- 90-minute backup period for code compliance
- Factory installed integral test switch visible from room side
- Integral emergency transfer relay options available

Finish

- Pre-paint matte white
- 90% reflective, matte white enamel finish
- Full fixture housing pre-painted matte white (choose PAF option for "Paint after Fabrication")

Shielding

- Ribbed acrylic frosted lens standard
- Optional smooth acrylic frosted lens (S)
- Optional High-Efficiency Round Perf Inlay (HRP)
- Optional Square Ribbed lens (SQR)

Compliance

- IC rated for insulation contact
- cULus listed for damp locations
- RoHS compliant
- Tested to IESNA LM-79 and LM-80
- Stated life tested to TM21 standards

Limited Warranty

- Five-year limited warranty

Configurable/Make-To-Order SKUs

SAMPLE ORDER NUMBER: **24CZSCT3-UNV-EL14W-PAL**

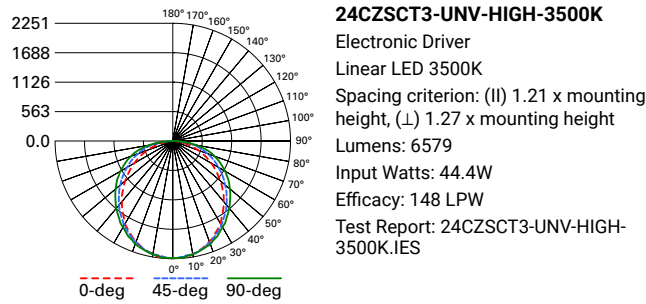
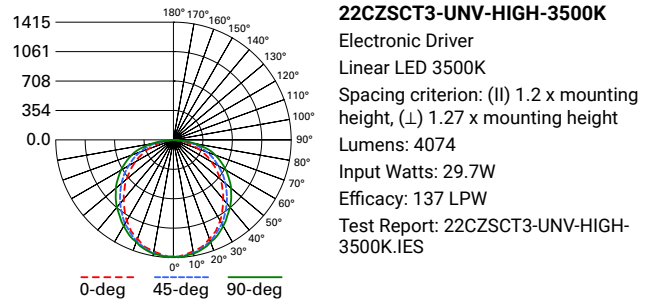
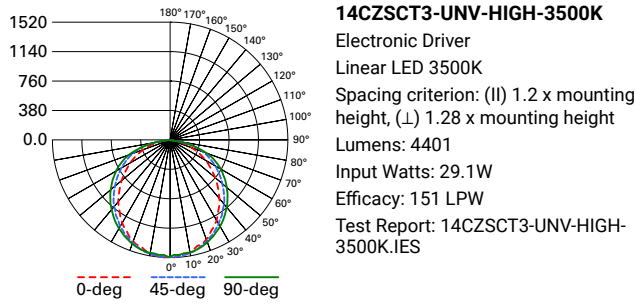
| Domestic Preferences | Rating | Series | Air | Shielding |
|---|--|---|---|--|
| Domestic Preferences ⁽¹⁾ | Rating | Series | Air | Shielding |
| [Blank] =Standard BAA =Buy American Act TAA =Trade Agreements Act | [Blank] =Standard ATW-SW4 = Chicago Rated ⁽²⁾ | 14CZSCT3 =1' x 4' Cruze ST Selectable 22CZSCT3 =2' x 2' Cruze ST Selectable 24CZSCT3 =2' x 4' Cruze ST Selectable | [Blank] =Standard A =Air (Vented) ⁽³⁾ | [Blank] =Ribbed Frosted Acrylic Lens (standard) S =Smooth Frosted Acrylic Lens HRP =High-Efficiency Round Perf Inlay SQR =Square Lens |
| Notes (1) Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements. | Notes (2) No sensor or installed FLEX options available with ATW-SW4 option. | Notes Selectable Lumens (See table on pg. 2 for details) 1x4 -30L/40L/50L 2x2 -30L/40L/50L 2x4 -40L/50L/65L Selectable Color 3000K/3500K/4000K | Notes (3) Air version is intended for air return through plenum. See air return data table for air flow volumes. Air option not available with ATW-SW4. | |

| Voltage | Options / Emergency | Flex | Driver Type |
|--|---|--|---|
| Voltage | Options / Emergency | Flex ⁽¹³⁾ | Driver Type |
| UNV =Universal Voltage 120-277 | [Blank] =Standard GL =Single Element Fuse GM =Double Element Fuse EL7W =7-watt 120V-277V emergency battery pack ⁽⁸⁾ EL14W =14-watt 120V-277V emergency battery pack ⁽⁸⁾ EL10WSD =Bodine 10W emergency battery pack with self diagnostic installed ⁽⁸⁾ ETRD =Iota Emergency Transfer Relay with dimming control ⁽⁵⁾ PAF =Painted After Fabrication | [Blank] =Standard Dimming Flex A3/8-4/18GDIM =Flex, hot, neutral, ground, 2 dimming leads A3/8-5/18GDIM =Flex, 2 hots, neutral, ground, 2 dimming leads Non-Dimming Flex A3/8-2/18G =Flex, hot, neutral, ground A3/8-3/18G =Flex, 2 hots, neutral, ground | [Blank] =Standard (0-10V Driver, 10%-100%) |
| | Notes (6) Used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others). ETRD option only requires one relay when used on a dimming fixture. 347 not available. (8) Factory installed with integral test switch/indicator/laser test. For approximate delivered lumens multiply the lumens per watt of the desired fixture by the wattage of the emergency battery pack (100 lm/W x 7=700 lumens). IES-format photometry for luminaire under emergency operation available. Battery option increases total height by 1 inch. | Notes (13) Multiple options available in online configurator. See additional notes on Flex below. Flexible Metal Conduit Options Flex options available for 0-10V dimming control, emergency and night light functions. 72-inch factory-installed and pre-wired to driver, fitted to luminaire housing access plate with 90° enclosed FMC connector. Not all options may be combined and installation ratings vary by type. | |

| Integrated Sensing Systems | Packaging | Accessories |
|--|---|--|
| Integrated Sensing Systems ⁽¹⁵⁾ | Packaging | Accessories (order separately) |
| [Blank] =No Sensor WAA =WaveLinX Wireless Integrated Sensor ^(A) WAB =WaveLinX Lite Wireless Integrated Sensor ^(B) SVPD1 =0-10V Stand-alone Integrated Sensor ^{(19),(D)} | [Blank] =Standard (Unit Pack) PAL =Job Pack, out of carton PALC =Job Pack, in carton | CZ2-EQCLIP-U-PK =“CZ2” Earthquake Clip Kit (4 clips per bag kit) ⁽²⁰⁾ DF-14W-U =1' x 4' Drywall Frame Kit DF-22W-U =2' x 2' Drywall Frame Kit DF-24W-U =2' x 4' Drywall Frame Kit SK-22-WS =2' x 2' Shallow Surface Mount Kit SK-24-WS =2' x 4' Shallow Surface Mount Kit SK-14-WT =1' x 4' Tall Surface Mount Kit SK-22-WT =2' x 2' Tall Surface Mount Kit SK-24-WT =2' x 4' Tall Surface Mount Kit |
| Notes (19) If the space remains unoccupied for half of the timeout period, the lighting will automatically reduce to the Energy Saver light level. This adjustable light level is typically half of the occupied daylight level. Integrated options must be used in conjunction with the associated system and may not be compatible with other options or accessories. Please refer to the following: (A) Consult WaveLinX system pages for additional details and compatibility. (B) WaveLinX Lite devices are not currently compatible with the WaveLinX Wireless Area Controller. Consult WaveLinX Lite system pages for additional details and compatibility. (D) Consult SVPD series system pages for additional details and compatibility. | | Notes (20) An EQ Grid Clip is recommended for all 9/16" ceiling systems. Four required per fixture. |

Photometric Data

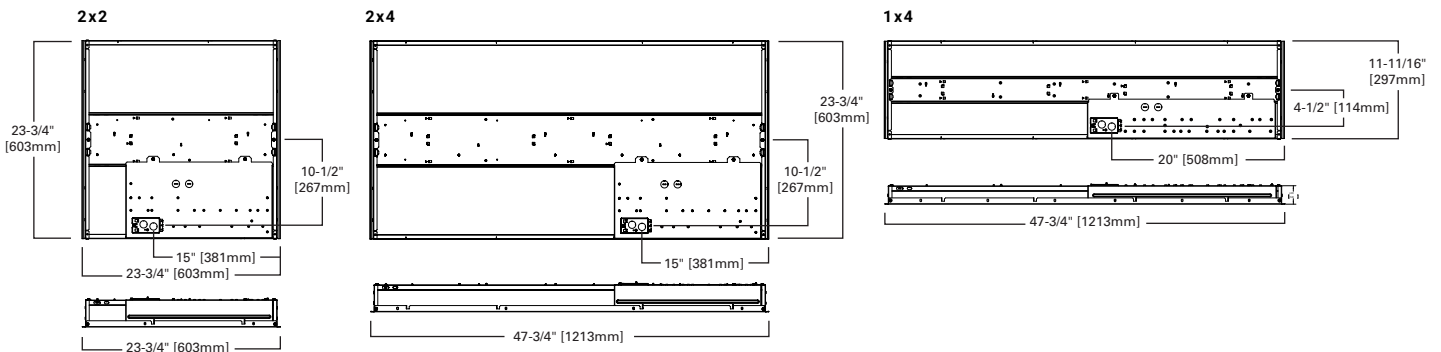
View IES files



Shielding

| Lumen Adjustment Factors | | |
|--------------------------|------|------|
| S | HRP | SQR |
| 1.05 | 0.81 | 0.96 |

Dimensional and Mounting Details



Ceiling Compatibility

