Cruze Recessed LED Luminaire

Performance, style, affordability. The Cruze™ LED combines contemporary styling and optimal illumination design with the technology of Eaton’s Linear LED Platform. Its high performance LED system with advanced light distribution and attractive appearance delivers unprecedented energy savings, comfort and aesthetics all at an affordable price. Cruze offers a perfect balance of form and function making it an ideal choice for commercial office spaces, schools, hospitals, and retail merchandising areas.

Innovation you can rely on™
Construction

- Recessed: 2’ x 2’, 2’ x 4’ and 1’ x 4’
- Shallow depth: 3.25”
- Tool-less hinged door access
- cULus damp location / IC Rated / RoHS compliant / DLC Qualified
- Sustainable materials
- Five-year warranty

Performance

- High-performance efficacy up to 157 lumens per watt
- Energy savings in excess of 60% compared to traditional fluorescent troffers
- Four Correlated Color Temperatures (3000K, 3500K, 4000K, 5000K) at typical 85 CRI
- 1’ x 4’: L84 @ 60,000 hrs.
- 2’ x 2’: L79 @ 60,000 hrs.
- 2’ x 4’: L80 @ 60,000 hrs.
- Binning: Per ANSI, 3-step MacAdam ellipse

Options

- Fourteen stocked lumen packages in two CCTs
  - High Performance Efficacy
    - 2’ x 2’: 2400 and 3400;
    - 2’ x 2’: 2000, 2400, 3200, 3900 and 4400
  - Standard Efficacy
    - 2’ x 4’: 4000 and 5000;
    - 2’ x 4’: 3000, 3500, 4000, 4500 and 5000
- Additional lumen packages offered as MTO
- Four lens options – Ribbed Frosted, Smooth Frosted, Square Perforated and Round Perforated
- Universal (120V-277V) or 347V
- Emergency – EL7W and EL14W
- Surface mount field install kits
- Flex wiring configurations
- Chicago plenum rated version

Controls

- Cruze can include a factory-installed integrated sensor system for occupancy and daylight dimming control, with programming and manual controls from an optional handheld remote.
- Cruze luminaires include 0-10V dimming drivers for control using wall dimmers (10% - 100%), daylighting sensors and room controllers from Eaton. Optional 1% dimming available.
- Cruze luminaires are available with native DALI drivers for complete digital energy management using Fifth Light addressable lighting controls.
- Cruze luminaires are available with LumaWatt Pro for a fully integrated sensor system with Internet of Things (IOT) connectivity and configurable software.
Cruze luminaires with Integrated Sensor Controls

Get the best of both worlds. Metalux Cruze luminaires with LED technology are available with an optional integrated sensor system, optimized to meet energy codes for occupancy sensing and daylight harvesting. The sensor system is factory wired to the luminaire, switching on or off based on occupancy, and dimming the light when enough daylight is available, offering out-of-the-box operation using thoughtful default settings. When the application demands more, the sensor system has an optional remote control allowing changes from the default settings for occupancy, target light level, preset lighting levels, and to temporarily override automatic controls.
Eaton’s LED technology provides industry leading, energy-efficient performance. Cruze luminaires provide uniform illumination and superior efficacy. Cruze offers four color temperature choices with a wide range of lumen packages to provide best-in-class, breadth of line with efficacy reaching as high as 157 lumens per watt.
Photometrics

**Cruze 2’ x 2’, 3400 lumens**

- Electronic Driver
- Linear LED 3500K
- Spacing criterion: 
  (ll) 1.17 x mtg height, 
  (L) 1.25 x mtg height
- Lumens = 3497
- Input Watts = 29.4
- Efficacy = 118.9 lm/W
- Test: 22CZ-LD5-34-UNV-L835-CD1-U.IES

**Cruze 2’ x 4’, 4000 lumens**

- Electronic Driver
- Linear LED 3500K
- Spacing criterion: 
  (ll) 1.20 x mtg height, 
  (L) 1.26 x mtg height
- Lumens = 3964
- Input Watts = 29.0
- Efficacy = 136.7 lm/W
- Test: 24CZ-LD5-40-UNV-L835-CD1-U.IES

**Cruze 1’ x 4’, 3500 lumens**

- Electronic Driver
- Linear LED 3500K
- Spacing criterion: 
  (ll) 1.21 x mtg height, 
  (L) 1.28 x mtg height
- Lumens = 3590
- Input Watts = 31.4
- Efficacy = 114.3 lm/W
- Test: 14CZ-LD5-35-UNV-L835-CD1-U.IES

<table>
<thead>
<tr>
<th>Size</th>
<th>Ambient temperature</th>
<th>TM-21 lumen maintenance (60,000 hours)</th>
<th>Theoretical L70 (hours)</th>
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<tbody>
<tr>
<td>2’ x 4’</td>
<td>25°C</td>
<td>&gt; 80</td>
<td>&gt; 186,000</td>
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<tr>
<td>2’ x 2’</td>
<td>25°C</td>
<td>&gt; 79</td>
<td>&gt; 178,000</td>
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<tr>
<td>1’ x 4’</td>
<td>25°C</td>
<td>&gt; 84</td>
<td>&gt; 178,000</td>
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</tbody>
</table>

**Certification data**

- cULus - Damp Location
- IC Rated
- LM79/LM80 Compliant
- ROHS Compliant
- NOM Compliant
Our Lighting Product Lines
Halo
Halo Commercial Portfolio
Iris
RSA
Metalux
Corelite
Neo-Ray
Fail-Safe
MWS
Ametrix
Shaper io
Lumark
McGraw-Edison
Invue
Lumière
Streetworks
AtLite
Sure-Lites

Our Controls Product Lines
Greengate
iLumin
Zero 88
Fifth Light Technology
iLight (International Only)

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