CZRK, RSRK, SSRK
LED Retrofit Kits

Metalux

Troffer
Strip
add ➔ modify ➔ modernize
Metalux LED Retrofit Kits

Celebrating 50+ years, Metalux offers an extensive line of LED lighting products including LED retrofit kits.

Metalux’s complete family of LED retrofit kit lighting products are dedicated to the latest solid state lighting and driver technology for optimal performance and energy efficiency.

Metalux delivers innovation, quality, product availability, and responsiveness all with an affordable value proposition.

Simple and quick installation
- Installs in less than five minutes — significant labor cost savings
- Utilize the existing fluorescent luminaire’s housing — lower disposal costs

Reduced energy consumption
- High performance efficacy = significant energy savings vs. fluorescent
- DesignLights Consortium® Qualified

Architectural style aesthetics
- Modern styling with aesthetic appeal vs. fluorescent
- Designed for commercial office, education, healthcare, and retail applications

Integrated controls
- Daylight harvesting and occupancy sensing
- Code compliance and IoT value-added applications

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The Cruze LED Retrofit Kit is our newest LED lighting solution for customers looking to upgrade their fluorescent luminaires to a high performing and aesthetically-pleasing LED system without the need to install a complete luminaire. This innovative, high quality retrofit kit is dedicated to the latest solid-state lighting and driver technology for optimal performance and energy efficiency. The retrofit kit is engineered for simple and quick installation making it easy to switch to LED.

Cruze LED Retrofit Kit

- Simple and quick installation - less than five minutes!
- Tool-less installation
- Uses the fluorescent luminaire's housing - lower disposal costs
- Energy savings greater than 60% vs. fluorescent luminaires
- Architectural style aesthetics designed for multiple applications

Certifications

- UL cULus - Damp location / IC Rated
- LM79 / LM80 Compliant
- Metalux
- Certifications

Add • modify • modernize

Make the switch in under five minutes!

Performance

- Standard efficacy up to 121 lm/W; high performance efficacy up to 139 lm/W
- DesignLights Consortium® Qualified for glare control and CRI
- 5 year warranty

Controls

- 0-10V dimming driver is 10% standard
- Optional integrated sensor system for daylight harvesting and occupancy
- Optional WaveLinx Wireless and integrated for fully integrated sensor system with Internet of Things (IoT) connectivity and configurable software

Construction

- with contents in each panel, side panel, 2 endplates, and a lense
- Frame: 1/2" x 3/4" and 1 1/2"
- Stripsheet depth: 3.25" Width: 3.25" Height: 12" Rim: 0.54"

Energy Table

<table>
<thead>
<tr>
<th>Energy Savings</th>
<th>Select 1' x 4' Cruze Retrofit Kit SKU Catalog Number</th>
<th>Lumens*</th>
<th>Wattage</th>
<th>Fixture Type</th>
<th>Lumens*</th>
<th>Wattage</th>
<th>Energy Savings</th>
</tr>
</thead>
<tbody>
<tr>
<td>51%</td>
<td>Select 1' x 4' Cruze Retrofit Kit SKU 14CZRK-LD4-20-UNV-L835-CD1-U</td>
<td>1840</td>
<td>13.8</td>
<td>Parabolic 132</td>
<td>1568</td>
<td>28.0</td>
<td>-51%</td>
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<tr>
<td>57%</td>
<td>Select 1' x 4' Cruze Retrofit Kit SKU 14CZRK-LD4-30-UNV-L835-CD1-U</td>
<td>3039</td>
<td>22.6</td>
<td>Parabolic 232</td>
<td>3136</td>
<td>52.0</td>
<td>-57%</td>
</tr>
<tr>
<td>52%</td>
<td>Select 2' x 2' Cruze Retrofit Kit SKU 22CZRK-LD4-34-UNV-L835-CD1-U</td>
<td>3845</td>
<td>31.8</td>
<td>Troffer 2U6T8</td>
<td>3862</td>
<td>52.1</td>
<td>-39%</td>
</tr>
<tr>
<td>53%</td>
<td>Select 2' x 2' Cruze Retrofit Kit SKU 22CZRK-LD4-34-UNV-L835-CD1-U</td>
<td>317</td>
<td>23.2</td>
<td>Parabolic 317</td>
<td>2601</td>
<td>42.9</td>
<td>-25%</td>
</tr>
<tr>
<td>44%</td>
<td>Select 2' x 4' Cruze Retrofit Kit SKU 24CZRK-LD4-50-UNV-L835-CD1-U</td>
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<td>46.5</td>
<td>Parabolic 332</td>
<td>5646</td>
<td>83.0</td>
<td>-44%</td>
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<td>30%</td>
<td>Select 2' x 4' Cruze Retrofit Kit SKU 24CZRK-LD4-40-UNV-L835-CD1-U</td>
<td>431</td>
<td>36.4</td>
<td>Troffer 2U6T8</td>
<td>4310</td>
<td>52.0</td>
<td>-30%</td>
</tr>
<tr>
<td>49%</td>
<td>Select 2' x 4' Cruze Retrofit Kit SKU 24CZRK-LD4-40-UNV-L835-CD1-U</td>
<td>232</td>
<td>3873</td>
<td>Indirect Basket 232</td>
<td>3873</td>
<td>52.0</td>
<td>-49%</td>
</tr>
</tbody>
</table>

* Lumens listed are delivered lumens. Refer to specification sheets for detailed catalog ordering information.
The Metalux RSRK LED Recessed Strip Retrofit Kit is a series of products developed to convert recessed linear products to LED while improving the lighting in the existing space. The kit consists of three primary components: mounting brackets, gear tray with LED boards, driver, and lens. The RSRK is engineered for simple and quick installation and offers customers the opportunity to retrofit from fluorescent to LED affordably and efficiently.

### Energy and performance data

<table>
<thead>
<tr>
<th>No.</th>
<th>Lens</th>
<th>Performance</th>
<th>TR</th>
<th>Tribl Ribbon</th>
<th>TS</th>
<th>Tribl Smooth</th>
<th>RM</th>
<th>Round Ribbed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

**Performance**
- Power level efficacy up to 170 lm/W
- DesignLights Consortium® Qualified
- Four CCT Colors: 3000K, 3500K, 4000K, and 5000K
- L94 @ 60,000 hrs
- 5-year warranty

**Controls**
- 0-10V dimming driver (1% standard)
- Optional integrated sensor system for daylight harvesting and occupancy sensing
- Optional WaveLinx Wireless and Enlighted for fully integrated sensor system with Internet of Things (IoT) connectivity and configurable software

**Certifications**
- UL790 / LM80 Compliant
- LM79 / LM80 Compliant
- ETL Listed

**Additional features**
- Simple and quick installation = labor savings!
- Up to 8800 lumens (4') and 17500 lumens (8')
- Market leading efficacy at nearly 170 LPW
- IP40 Rated
- Lens optimization for greater optical control

### Construction
- Installation requires no rewiring of existing wiring. Simply replace LED boards, driver, and lens.
- Retrofit can remain in fixture to reduce disposal costs.
- 4'-8'-Flexible installation is easier than ever before.

###簡化快速安裝 = 省工！
- 最多8800流明（4’）和17500流明（8’）
- 市場領先的效率近170 LPW
- IP40等級
- 鏡面優化為更佳的光學控制

###認證
- UL790 / LM80合規
- LM79 / LM80合規
- ETL列舉

###額外功能
- 安裝需要不銃改任何現有線路。只需更換LED板、驅動器和鏡頭。
- 翻新可以保持在裝置中以減少廢棄成本。
- 4'-8' - 灵活的安装比以往更容易。
The SSRK series is a LED retrofit kit capable of replacing 4-foot lengths of fluorescent or LED fixtures with a width from 2.5 to 4.5 inches and a channel minimum depth of 1.75 inches. Five different highly efficient lumen packages (130 to 150 lumens/watt) ensure maximum ROI due to energy savings and eligible rebate incentives. Key features include electrical quick connects and adhesive tape on mounting brackets that result in market-leading installation time as well as dimming, occupancy and emergency options that maximize design flexibility. The SSRK series is ideal for retrofit applications where existing fixtures are installed with fixed conduit.

### Performance data

<table>
<thead>
<tr>
<th>Lumen Package (Lumens per foot)</th>
<th>Nominal Lumens per Foot</th>
<th>Watt</th>
<th>Efficacy (Lumens per watt)</th>
</tr>
</thead>
<tbody>
<tr>
<td>500</td>
<td>547</td>
<td>10.6</td>
<td>156.8</td>
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<tr>
<td>750</td>
<td>812</td>
<td>20.4</td>
<td>159.3</td>
</tr>
<tr>
<td>1000</td>
<td>1080</td>
<td>27.7</td>
<td>156.0</td>
</tr>
<tr>
<td>1500</td>
<td>1637</td>
<td>44.8</td>
<td>146.2</td>
</tr>
<tr>
<td>2000</td>
<td>2186</td>
<td>62.9</td>
<td>139.0</td>
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</tbody>
</table>

#### Approximate Lumen Multiplier

<table>
<thead>
<tr>
<th>Lens</th>
<th>Multiplier</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Lens</td>
<td>1.000</td>
</tr>
<tr>
<td>TS</td>
<td>0.842</td>
</tr>
<tr>
<td>TB</td>
<td>0.884</td>
</tr>
<tr>
<td>LC</td>
<td>0.961</td>
</tr>
<tr>
<td>LN</td>
<td>0.934</td>
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<td>LW</td>
<td>0.831</td>
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<tr>
<td>SLN</td>
<td>0.951</td>
</tr>
<tr>
<td>SLW</td>
<td>0.882</td>
</tr>
</tbody>
</table>

#### CCT Multiplier 80 CRI Multiplier

<table>
<thead>
<tr>
<th>CCT</th>
<th>80 CRI Multiplier</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000K</td>
<td>0.97</td>
</tr>
<tr>
<td>3500K</td>
<td>0.98</td>
</tr>
<tr>
<td>4000K</td>
<td>1.00</td>
</tr>
<tr>
<td>5000K</td>
<td>1.00</td>
</tr>
</tbody>
</table>

### Construction

- Simple and quick installation = labor savings!
- Three lens options: round, square, & tri-lobe; multiple distributions
- Integrated emergency available
- Design flexibility
- Retrofit “pipe & wire” installation in industrial and warehousing applications

### Controls

- 0-10V dimming (1% standard)
- Optional integrated sensor option for daylighting harvesting and occupancy sensing

### Certifications

- UL 
- LM79 / LM80 Compliant
- IECC - Long Life Compliant
- T24

### Specifications

- **Kit size:** 4’ or 8’ LED strip retrofit with up to 8000 lumens per 4’ segment
- **Retrofit:** 4’ to 4.5” width fixtures
- **Adhesive tape on mounting brackets to free up hands during installation**
- **Surface mount**

### Performance

- Premium level efficacy up to 159 lm/W
- DesignLights Consortium® Qualified for Standard and Premium
- Four CCT Colors: 3000K, 3500K, 4000K, and 5000K
- CCT: 3000K-5000K

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Lighting Product Lines
Ametrix
AtLite
Corelite
Ephesus
Fail-Safe
Halo
Halo Commercial
Invue
io
Iris
Lumark
Lumière
McGraw-Edison
Metalux
MWS
Neo-Ray
Portfolio
RSA
Shaper
Streetworks
Sure-Lites

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

Connected Lighting Systems
Distributed Low-Voltage Power
HALO Home
iLumin Plus
LumaWatt Pro
WaveLinx
Trellix