LED LIGHTING TROFFER SELECTION GUIDE

Find the optimal troffer solution for your space.
# CREE LIGHTING LED TROFFERS BASED ON APPLICATION & PREFERENCE

## ARCHITECTURAL

<table>
<thead>
<tr>
<th>Cadiant™ Dynamic Skylight</th>
<th>CR Series LED Troffer</th>
<th>FLEX Series LED Troffer</th>
</tr>
</thead>
<tbody>
<tr>
<td>From dawn to dusk, east to west, uses advanced lighting control and color changing technology with separate sun and sky panels for an immersive experience that mirrors the natural arc of the day.</td>
<td>Offers premium levels of aesthetics and soft, indirect, low-glare light with high color fidelity and performance in the troffer portfolio.</td>
<td>Offers 5 inner optic lens choices for designer freedom along with higher LPW performance, 1% dimming standard and a slim 3” profile for more narrow plenums.</td>
</tr>
</tbody>
</table>

## SPECIFICATION

<table>
<thead>
<tr>
<th>Controls</th>
<th>SmartCast® Technology dimming to 5% with East to West Sun feature</th>
<th>SmartCast Technology Lutron EcoSystem 0-10V Step dimming</th>
<th>SmartCast Technology 0-10V dimming to 1%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Efficacy (LPW)</td>
<td>75</td>
<td>90 - 130</td>
<td>125 - 145</td>
</tr>
<tr>
<td>Color Quality (CRI)</td>
<td>92</td>
<td>85 - 92</td>
<td>83+</td>
</tr>
<tr>
<td>Color Temp. (CCT)</td>
<td>Adjustable from 3000K to 6500K</td>
<td>3000K, 3500K, 4000K, 5000K, Adjustable 3000K - 5000K</td>
<td>3000K, 3500K, 4000K and 5000K</td>
</tr>
<tr>
<td>Limited Warranty</td>
<td>5 years</td>
<td>10 years</td>
<td>10 years</td>
</tr>
<tr>
<td>DLC Level</td>
<td>N/A</td>
<td>DLC Premium: CRHE TrueWhite Series DLC Standard: CR TrueWhite Series</td>
<td>DLC Premium</td>
</tr>
<tr>
<td>Lumens</td>
<td>200 - 3200</td>
<td>2000, 2200, 3100, 3200, 4000 and 5000</td>
<td>3200, 4000, 5000 and 6000</td>
</tr>
</tbody>
</table>
## ZR Series LED Troffer

Offers the best combination of performance, flexibility and control with a wide range of lumen packages and both wireless and wired intelligent control options.

**SmartCast® Technology**
- Lutron Vive
- Lutron EcoSystem
- 0-10V dimming control to 5%

## ZR-RK Series LED Troffer Retrofit Kit

A simple retrofit solution offering outstanding energy savings, better light and the appealing form factor of the ZR Series - all with installation that’s so intuitive and simple.

**Smartcast Technology**
- Lutron Vive
- Lutron EcoSystem
- 0-10V

## UR Series LED Upgrade Kit

Designed as a simple retrofit that can minimize expenses and provide a longer life than traditional lighting.

**0-10V dimming**

<table>
<thead>
<tr>
<th>Lumen Packages</th>
<th>110 - 140</th>
<th>130</th>
<th>145 - 155</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color Quality</td>
<td>80 - 92</td>
<td>80+</td>
<td>80+</td>
</tr>
<tr>
<td>Color Temp.</td>
<td>3000K, 3500K, 4000K and 5000K</td>
<td>3000K, 3500K, 4000K, 5000K</td>
<td>3500K, 4000K and 5000K</td>
</tr>
</tbody>
</table>

**Limited Warranty**
- ZR-MT and ZRM-FD: 10 Years
- ZR-C: 5 Years

**DLC Premium:**
- ZRM-FD High Efficiency Series
- ZR-C Commercial Series

**DLC Standard:**
- ZR-MT TrueWhite Series

<table>
<thead>
<tr>
<th>Lumens</th>
<th>2,000 - 10,000</th>
<th>2,000 - 8,000</th>
<th>2,600 to 10,000</th>
</tr>
</thead>
</table>

**REFRESH COMING SOON**
THE CREE LIGHTING ADVANTAGE

PROVEN, REVOLUTIONARY TECHNOLOGY

The innovative technologies that make up Cree Lighting products have revolutionized the lighting industry by making high-quality, sustainable LED lighting affordable and available to all. With this advantage, we remain at the forefront today, dedicated to providing better light that improves both our customers’ spaces and their bottom lines, and all backed by an incredible warranty.

SmartCast Intelligence Platform™

Featuring an intuitive, simple design and user experience for operation, commissioning and data collection, the SmartCast Intelligence Platform™ brings scalable, intelligent lighting networks to every space, delivering energy savings of 70% or more and a highly personalized lighting experience.

SmartCast® Technology learns and adapts to people and spaces, tailoring environments for comfort and productivity. Easily customize spaces for brightness and color, or optimize schedules and spot issues, all from a single platform.

Lutron Controls

Offering a range of scalable control solutions, including Lutron Vive wireless solutions and Lutron EcoSystem, Lutron delivers the full potential of lighting energy savings, personalized control and centralized lighting management no matter the application, starting with control in a single space, and expanding as time and budget allow.
Beyond the market-leading technologies of SmartCast® Technology and TrueWhite® Technology, Cree Lighting offers options to meet the needs of unique projects.

**Versatile Design Options**

For those projects that require lighting that is distinctive yet also meets real-world demands for performance and visual comfort, Cree Lighting offers the FLEX Series.

With a myriad of possibilities including a unique lens design, multiple lumen options and a selection of customized inner optic accent films, the FLEX Series troffer offers remarkable design freedom to complement the designer’s vision for the illuminated space.

**Versatile Installation Options**

If your goal is to preserve the ceiling or re-use existing housings, Cree Lighting provides several options. Designed to enable a simple installation that eliminates the need to open the plenum or remove the old troffer, the ZR-RK is a code-transparent retrofit kit that typically does not trigger a building inspection, minimizing labor costs and disruption.

For projects requiring a mix of new fixtures and retrofits, the installed ZR-RK looks virtually indistinguishable from a new ZR troffer. And to make your job even simpler, the ZR Series offers an intuitive room-side removable lens with magnetic fasteners for intuitively easy access and maintenance.

For those projects that maintain the existing aesthetic of fluorescents, the Cree Lighting UR Series can still provide 40% energy savings compared to traditional lighting.