UNIQUELY ENGINEERED FOR NEW AND EXISTING CONSTRUCTION

The RL841 is the newest, most efficient, and advanced LED retrofit modules from ELITE Lighting. Its unique design delivers color quality above a 90 CRI rating. The color matching has never been so close, with a binning as low as 3 MacAdams ellipses. The RL841 LED retrofits meet all new mandatory California Title 24 requirements.

FEATURES

• Over 2500 usable lumens are directed from the luminaire to the work surface
• Greater light output than a 26W CFL or a 65W BR30 while consuming less than 25W of power
• Rated at 80+ CRI to meet California Title-24 strict compliance standards
• Life tested to ensure light output up to 50,000 hours of operation to L70
• High performance optic hides LED chip image but still delivers an even beam of light
• Elite’s highly selective LED chips produce zero ultraviolet and virtually no infrared light
• Tested to LM-79 and LM-80 standards

INPUT VOLTS | INPUT FREQ | THD | POWER FACTOR | INPUT POWER | LUMENS
---|---|---|---|---|---
MVOLT | 50/60Hz | <20% | >0.9 | 25W(+/5%) | 2500

DURABILITY

Our die-cast system pulls the heat from the LED chip, allowing the continued cool operation for years. Our LED driver is rated for 50 to 60 Hz at 120V input, and produces less than 20% THD, has a power factor between 0.90 and 1.00 and is thermal protected for additional safety.

DIMMABLE

The Elite LED Module is dimmable down to 10% of initial light output, 0-10V dimming. Consult factory for complete list of compatible dimming systems.

OUR WORD

The Elite LED lighting system carries a five-year carefree warranty for parts and components. (Labor not included)
Due to the changes of constant improvement in LED technology, all details are subject to change without notice. Consult factory for up-to-date information.

Example: RL841-2500L-DIM10-MVOLT-35K-90-W-WH

<table>
<thead>
<tr>
<th>TYPE</th>
<th>PERFORMANCE</th>
<th>CCT</th>
<th>CRI</th>
<th>FINISH</th>
<th>REFLECTOR TRIM (RT)</th>
<th>HOUSING OPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>RL841 (Baffle)</td>
<td>2500L-DIM10-MVOLT</td>
<td>30K</td>
<td>90+</td>
<td>W-WH</td>
<td>RL841-RT-CL-WH</td>
<td>BHHR8PL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RL841-2500L-DIM10-MVOLT</th>
<th>TEST NO.: EL-113716</th>
</tr>
</thead>
<tbody>
<tr>
<td>INPUT Watts: 31.2</td>
<td>LUMENS: 2414</td>
</tr>
<tr>
<td>CRI: 90+</td>
<td>EFFLACY: 77</td>
</tr>
<tr>
<td>CCT: 3000K</td>
<td>SPACING CRITERIA: 1.22</td>
</tr>
</tbody>
</table>

Zonal Lumens Summary

- **Zone Lumen Data**: 0-20, 0-30, 0-40, 0-60, 0-90
- **% Lamp**: 16.10, 33.70, 53.70, 99.00, 100.00
- **% Fixt**: 16.10, 33.70, 53.70, 99.00, 100.00

Luminance (Average Candela/M²)

- **Angle in Degrees**: 0º, 45º, 90º
- **Average**: 2414.49, 1077.37, 539.07
- **Beam Diameter Measured at 50% of Nadir F.C.**
  - 4.0: 67.3, 8.0: 16.8, 12.0: 7.48, 16.0: 4.21, 20.0: 2.69, 24.4: 4.11

Coefficients of Utilization - Zonal Cavity Method

- **Effective Floor Cavity Reflectance**: 0.20

Frame for New Construction

- **Available Trim Option Inserts**
- **Reflector**
  - RL841-CL-WH
  - RL841-SHZ-WH
- **Frame for New Construction**
  - BHHR8PL

**Cone of Light**

- **Beam Diameter Measured at 50% of Nadir F.C.**
  - 4.0: 67.3, 8.0: 16.8, 12.0: 7.48, 16.0: 4.21, 20.0: 2.69, 24.4: 4.11

**RL841**

8" LED RETROFIT BAFFLE LIGHTING MODULE WITH JUNCTION BOX