KT-LED15T8-U1G-835-D
T8 LED LAMP

DESCRIPTION
15W T8 U-Bend LED | 3500K | >80 CRI | High Efficiency

LAMP TYPE: U-Bend
BULB TYPE: T8 LED
BASE TYPE: G13 (Medium Bi-Pin)
WATTAGE: 15W
COLOR TEMPERATURE: 3500K
COLOR RENDERING INDEX (CRI): >80
WARRANTY: 5 Years

PRODUCT FEATURES
- Replacement for conventional fluorescent lamp
- UL Classified
- 50,000+ hour lifetime
- Approximately 40% more energy efficient than standard U-Bend fluorescent lamps
- Environmentally friendly: No mercury used
- Integral driver (isolated) eliminates the need for an external ballast or driver
- Instant startup
- Frosted lens eliminates pixelation
- Operating temperature: −20°C/−4°F to 45°C/113°F
- Bare lamp efficacy: 110+ lumens per watt
- Suitable for dry and damp locations

OPERATING SPECIFICATIONS

ELECTRICAL AND PERFORMANCE CHARACTERISTICS

<table>
<thead>
<tr>
<th>Input Voltage</th>
<th>CRI</th>
<th>Bare Lamp Wattage</th>
<th>Nominal Lamp Lumens</th>
<th>Beam Angle</th>
<th>Nominal Bare Lamp Efficacy</th>
<th>Power Factor</th>
<th>Max. THD</th>
</tr>
</thead>
<tbody>
<tr>
<td>120–277Vac</td>
<td>&gt;80</td>
<td>15W</td>
<td>1,700</td>
<td>220º</td>
<td>113 lm/W</td>
<td>&gt;0.9</td>
<td>25%</td>
</tr>
</tbody>
</table>

RATED LIFE

L70 (Hours) 50,000

SPECTRAL DISTRIBUTION

POLAR CANDIELA DISTRIBUTION

Maximum Candela = 1248.55
Located at Horizontal Angle = 0, Vertical Angle = 0

1. Violet Vertical Plane through Horizontal Angles (90–270)
2. Green Vertical Plane through Horizontal Angles (0–180)
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**WIRING**

Re-wire fixture as shown below.

**TYPICAL NON-SHUNTED LAMPHOLDER**

**CAUTION: USE ONLY NON-SHUNTED LAMPHOLDERS.**

Do not install product in a fixture with shunted lampholders (found in all fixtures using instant start ballasts). If the current lampholders are shunted, remove them and replace them with non-shunted lampholders. Make new connections directly to terminals as indicated above.

Keystone can provide any style replacement lampholders. Call us at 800-464-2680.

**PHYSICAL CHARACTERISTICS**

**LAMP DIMENSIONS**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (Illuminated Length)</td>
<td>20.30&quot;</td>
</tr>
<tr>
<td>B (Body Length)</td>
<td>22.44&quot;</td>
</tr>
<tr>
<td>C (Diameter)</td>
<td>1.09&quot;</td>
</tr>
<tr>
<td>D (Width)</td>
<td>1.62&quot;</td>
</tr>
</tbody>
</table>

**NOMINAL LENGTH:** 22.44"

**BASE TYPE:** G13 (Medium Bi-Pin)

**ORDERING INFORMATION**

<table>
<thead>
<tr>
<th>ORDER CODE</th>
<th>PACKAGING STYLE</th>
<th>PACK QTY.</th>
<th>ITEM STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>KT-LED15T8-U1G-835-D-CP</td>
<td>Carton Pack (Egg Crate Packaging)</td>
<td>25</td>
<td>Quick Ship</td>
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</table>

**CATALOG NUMBER BREAKDOWN**

<table>
<thead>
<tr>
<th>1 Keystone Technologies</th>
<th>5 Nominal Size</th>
<th>8 Color Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 LED Lamp</td>
<td>6 Glass</td>
<td>9 Direct-Drive Series</td>
</tr>
<tr>
<td>3 Wattage</td>
<td>7 800 Series</td>
<td>10 Packaging Style</td>
</tr>
<tr>
<td>4 Lamp Type</td>
<td></td>
<td></td>
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</table>