DESCRIPTION
15W T8 U-Bend LED | 4000K | >80 CRI | High Efficiency

LAMP TYPE: U-Bend
BULB TYPE: T8 LED
BASE TYPE: G13 (Medium Bi-Pin)
WATTAGE: 15W
COLOR TEMPERATURE: 4000K
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>1,780</td>
<td>220°</td>
<td>118 lm/W</td>
<td>&gt;0.9</td>
<td>25%</td>
</tr>
</tbody>
</table>

RATED LIFE
L70 (Hours) 50,000

SPECTRAL DISTRIBUTION

POLAR CANDELA 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)
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-840-D-CP</td>
<td>Carton Pack (Egg Crate Packaging)</td>
<td>25</td>
<td>Quick Ship</td>
</tr>
</tbody>
</table>

CATALOG NUMBER BREAKDOWN

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