**KT-LED18T8-U6GC-835-D**

**U-BEND T8 LED LAMP**

**DESCRIPTION**
18W T8 U-Bend LED | 3500K | >80 CRI | High Efficiency

**LAMP TYPE:** U-Bend  
**BULB TYPE:** T8 LED  
**BASE TYPE:** G13 (Medium Bi-Pin)  
**WATTAGE:** 18W  
**COLOR TEMPERATURE:** 3500K  
**COLOR RENDERING INDEX (CRI):** >80  
**WARRANTY:** 5 Years

**PRODUCT FEATURES**
- Replacement for Conventional Fluorescent Lamp
- UL Classified; Listed on DLC Qualified Product List
- 50,000+ Hour Lifetime
- Approximately 40% More Energy Efficient than Standard F32T8 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
- 110+ Lumens per Watt (Bare Lamp Efficacy)
- Suitable for Dry and Damp Locations
- Improved Lamp Durability with Shatterproof Coated Glass
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment

**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>120-277V</td>
<td>&gt;80</td>
<td>18W</td>
<td>2100</td>
<td>220°</td>
<td>116 lm/W</td>
<td>&gt;0.9</td>
<td>20%</td>
</tr>
</tbody>
</table>

**RATED LIFE**

| L70 (Hours) | 50,000 |

**POLAR CANDELA DISTRIBUTION**

1. Violet: Vertical Plane through Horizontal Angles (90-270)
2. Green: Vertical Plane through Horizontal Angles (0-180)

Beam Angle: 220°

Visible Light Area: 325°
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**WIRING**

Re-wire fixture as show below.

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**PHYSICAL CHARACTERISTICS**

![Lamp dimensions diagram]

<table>
<thead>
<tr>
<th>LAMP DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (Illuminated Length)</td>
</tr>
<tr>
<td>B (Body Length)</td>
</tr>
<tr>
<td>C (Diameter)</td>
</tr>
<tr>
<td>D (Width)</td>
</tr>
</tbody>
</table>

**Typical Non-Shunted Lampholder**

Connect wires directly to these terminals

**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.

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**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-LED18T8-U6GC-835-D-CP</td>
<td>Carton Pack (Egg Crate Packaging)</td>
<td>12</td>
<td>Quick Ship</td>
</tr>
</tbody>
</table>

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**CATALOG NUMBER BREAKDOWN**

**KT-LED18T8-U6GC-835-D-CP**

Keystone Technologies  •  LED Lamp  •  Wattage  •  Lamp Type  •  Nominal Size  •  Shatterproof Coated Glass  •  800 Series  •  Color Temp.  •  Direct Drive Series  •  Packaging Style