DESCRIPTION
15W T8 LED | 5000K | >83 CRI | High Efficiency

- LAMP TYPE: Linear
- BULB TYPE: T8 LED
- BASE TYPE: G13 (Medium Bi-Pin)
- WATTAGE: 15W
- COLOR TEMPERATURE: 5000K
- COLOR RENDERING INDEX (CRI): >83
- WARRANTY: 5 Years

PRODUCT FEATURES
- Replacement for Conventional Fluorescent Lamp
- 50,000+ Hour Lifetime
- Approximately 40% More Energy Efficient than Standard F32T8 Lamps
- Environmentally Friendly: No Mercury Used
- Instant Startup
- Frosted Lens Eliminates Pixelation
- UL Classified; Listed on DLC Qualified Product List
- Operating Temperature: -20°C/-4°F to 45°C/113°F
- Integral Driver (Isolated), Eliminates the Need for External Driver or Ballast
- 110+ Lumens per Watt
- Improved Lamp Durability with Shatterproof Coated Glass, designed to pass drop tests of 6’ on hard surface
- ETL Sanitation Listed NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Not for Direct Food Zone without additional fixture considerations)

OPERATING SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Input Voltage</th>
<th>Power Consumption</th>
<th>Power Factor</th>
<th>Input Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>120-277 Vac</td>
<td>15W</td>
<td>&gt;0.9</td>
<td>0.16A @ 120V</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.07A @ 277V</td>
</tr>
</tbody>
</table>

PHOTOMETRIC CHARACTERISTICS

<table>
<thead>
<tr>
<th>Color Temperature (CCT)</th>
<th>5000K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luminous Flux</td>
<td>1930 lm</td>
</tr>
<tr>
<td>Color Rendering Index (CRI)</td>
<td>&gt;83</td>
</tr>
</tbody>
</table>

Efficacy 127 lm/W

Beam Angle 240°

Visible Light Area 325°

RATED LIFE

L70 (Hours) 50,000

SPECIFIC DISTRIBUTION

SPECTRAL DISTRIBUTION

POLAR CANDELIA 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)
KT-LED15T8-48GC-850-D /G3
T8 LED LAMP

WIRING DIAGRAMS

1. Cut all existing connections to ballast as shown below and remove ballast.

Typical Ballast Configurations:

PROGAM START

PREHEAT WITH STARTER

INSTANT START

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.

2. Re-wire fixture as shown below.

PHYSICAL CHARACTERISTICS

LAMP DIMENSIONS

<table>
<thead>
<tr>
<th>A (Illuminated Length)</th>
<th>44.38”</th>
</tr>
</thead>
<tbody>
<tr>
<td>B (Body Length)</td>
<td>47.15”</td>
</tr>
<tr>
<td>C (Diameter)</td>
<td>1.10”</td>
</tr>
</tbody>
</table>

NOMINAL LENGTH: 48”  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-LED15T8-48GC-850-D /G3-CP</td>
<td>Carton Pack (Egg Crate Packaging)</td>
<td>25</td>
<td>Quick Ship</td>
</tr>
<tr>
<td>KT-LED15T8-48GC-850-D /G3-DP</td>
<td>Distributor Pack (Individual Cartons)</td>
<td>12</td>
<td>Quick Ship</td>
</tr>
</tbody>
</table>

CATALOG NUMBER BREAKDOWN

KT-LED15T8-48GC-850-D /G3-CP

Keystone Technologies  LED Lamp  Wattage  Lamp Type
Wattage  Lamp Length (Inches)  Shatter-Proof Coated Glass  800 Series  Color Temp.  Direct Drive Series

3rd Generation  Packaging Style