KT-LED15T8-48GC-840-D /G3
T8 LED LAMP

DESCRIPTION
15W T8 LED | 4000K | >83 CRI | High Efficiency

LAMP TYPE: Linear
BULB TYPE: T8 LED
BASE TYPE: G13 (Medium Bi-Pin)
WATTAGE: 15W
COLOR TEMPERATURE: 4000K
COLOR RENDERING INDEX (CRI): >83
WARRANTY: 5 Years

PRODUCT FEATURES
- Replacement for Conventional Fluorescent Lamp
- 50,000+ Hour Lifetime
- Approximately 40% More Energy Efficient that Standard F32T8 Lamps
- Environmentally Friendly: No Mercury Used
- Instant Startup
- Frosted Lens Eliminates Pixelation
- UL Classified; Listed on DLC Qualified Product List

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>120-277Vac</td>
<td>15W</td>
<td>&gt;0.9</td>
<td>0.16A @ 120V 0.07A @ 277V</td>
</tr>
</tbody>
</table>

PHOTOMETRIC CHARACTERISTICS

<table>
<thead>
<tr>
<th>Color Temperature (CCT)</th>
<th>4000K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luminous Flux</td>
<td>1850 lm</td>
</tr>
<tr>
<td>Color Rendering Index (CRI)</td>
<td>&gt;83</td>
</tr>
<tr>
<td>Efficacy</td>
<td>121 lm/W</td>
</tr>
<tr>
<td>Beam Angle</td>
<td>240º</td>
</tr>
<tr>
<td>Visible Light Area</td>
<td>325º</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)

Specifications subject to change. Last revised on 12.13.17
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### WIRING DIAGRAMS

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

**Typical Ballast Configurations:**

**PROGRAM START**

**PREHEAT WITH STARTER**

**INSTANT START**

2. Re-wire fixture as shown below.

![Wiring Diagrams](image)

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**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)

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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-LED15T8-48GC-840-D /G3-CP</td>
<td>Carton Pack (Egg Crate Packaging)</td>
<td>25</td>
<td>Quick Ship</td>
</tr>
<tr>
<td>KT-LED15T8-48GC-840-D /G3-DP</td>
<td>Distributor Pack (Individual Cartons)</td>
<td>12</td>
<td>Quick Ship</td>
</tr>
</tbody>
</table>

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### CATALOG NUMBER BREAKDOWN

**KT-LED15T8-48GC-840-D /G3-CP**

Keystone Technologies  •  LED Lamp  •  Wattage  •  Lamp Type  •  Nominal Length (Inches)  •  Shatter-Proof Coated Glass  •  800 Series  •  Color Temp.  •  Direct Drive Series  •  3rd Generation  •  Packaging Style

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**Keystone Technologies** • 1390 Welsh Road, North Wales, PA 19454 • Phone (800) 464-2680 • Fax (888) 966-0556 • [www.keystonetech.com](http://www.keystonetech.com)

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