KT-LED15T8-48GC-950-D
T8 LED LAMP

DESCRIPTION
15W T8 LED | 5000K | >90 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): >90
- 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
- Operating Temperature: -20ºC/-4ºF to 45ºC/113ºF
- Integral Driver (Isolated), Eliminates the Need for External Driver or Ballast
- 100+ 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>120-277Vac</td>
<td>15W</td>
<td>&gt;0.9</td>
<td>0.13A @ 120V 0.05A @ 277V</td>
</tr>
</tbody>
</table>

RATED LIFE

| L70 (Hours) | 50,000 |

PHOTOMETRIC CHARACTERISTICS

<table>
<thead>
<tr>
<th>Color Temperature (CCT)</th>
<th>5000K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luminous Flux</td>
<td>1675 lm</td>
</tr>
<tr>
<td>Color Rendering Index (CRI)</td>
<td>&gt;90</td>
</tr>
<tr>
<td>Efficacy</td>
<td>112 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>

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)
**KT-LED15T8-48GC-950-D**

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**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**

2. Re-wire fixture as shown below.

**PHYSICAL CHARACTERISTICS**

**LAMP DIMENSIONS**

| A (Illuminated Length) | 44.38” |
| B (Body Length)        | 47.15” |
| C (Diameter)           | 1.10”  |

**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-950-D-CP</td>
<td>Carton Pack (Egg Crate Packaging)</td>
<td>25</td>
<td>Quick Ship</td>
</tr>
</tbody>
</table>

**CATALOG NUMBER BREAKDOWN**

**KT-LED15T8-48GC-950-D-CP**

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

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

Specifications subject to change. Last revised on 12.13.17