**KT-LED14.5T8-48GC-950-D-FDIM**

**T8 LED LAMP**

### DESCRIPTION

14.5W T8 LED | 5000K | >95 CRI | High Efficiency

- **LAMP TYPE:** Linear
- **BULB TYPE:** T8 LED
- **BASE TYPE:** G13 (Medium Bi-Pin)
- **WATTAGE:** 14.5W
- **COLOR TEMPERATURE:** 5000K
- **COLOR RENDERING INDEX (CRI):** >95
- **WARRANTY:** 5 Years

### PRODUCT FEATURES

- Dimmable via TRIAC Dimmers (Forward Phase Control)
- 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 QPL

### 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>120V</td>
<td>14.5W</td>
<td>&gt;0.9</td>
<td>0.12A @ 120V</td>
</tr>
</tbody>
</table>

#### RATED LIFE

| L70 (Hours) | 50,000 |

### PHOTOMETRIC CHARACTERISTICS

- **Color Temperature (CCT):** 5000K
- **Luminous Flux:** 1650 lm
- **Color Rendering Index (CRI):** >95
- **Efficacy:** 113 lm/W
- **Beam Angle:** 240º
- **Visible Light Area:** 325º

### SPECTRAL DISTRIBUTION

[Graph of spectral distribution]

### POLAR CANDELA DISTRIBUTION

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

[Graph of polar candelas]

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Keystone Technologies • Philadelphia, PA • Phone (800) 464-2680 • www.keystonetech.com

Specifications subject to change. Last revised on 10.15.19
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WIRING DIAGRAMS
1. Cut all existing connections to ballast as shown below and remove ballast.

Typical Ballast Configurations:

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.

2. Re-wire fixture as shown below.

PHYSICAL CHARACTERISTICS

LAMP DIMENSIONS

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>
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<tbody>
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<td>Carton Pack (Egg Crate Packaging)</td>
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<td>Distributor Pack (Individual Cartons)</td>
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<td>Keystone Technologies</td>
<td>LED Lamp</td>
<td>Wattage</td>
<td>Lamp Type</td>
</tr>
</tbody>
</table>

**CATALOG NUMBER BREAKDOWN**

**KT-LED14.5T8-48GC-950-D-FDIM-CP**