KT-LED15T8-48GC-850-DX2
T8 LED LAMP

DESCRIPTION
15W T8 LED | 5000K | >83 CRI | High Efficiency | Single or Double-ended Wiring

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
- Single or Double-Ended Wiring
- 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: -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
- ETL Sanitation Listed NSF/ANSI Standard 2 - Food Equipment

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</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>
<tr>
<td>Efficacy</td>
<td>127 lm/W</td>
</tr>
<tr>
<td>Beam Angle</td>
<td>240°</td>
</tr>
<tr>
<td>Visible Light Area</td>
<td>325°</td>
</tr>
</tbody>
</table>

RATED LIFE

| L70 (Hours) | 50,000 |

SPECTRAL 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 2.12.18
SINGLE-ENDED WIRING DIAGRAM

1. Cut all existing connections to ballast as shown below and remove ballast. See Figure A for typical ballast configurations. Note: Single-ended wiring requires non-shunted lampholders.

2. Re-wire fixture as shown below.

DOUBLE-ENDED WIRING DIAGRAM

1. Cut all existing connections to ballast as shown below and remove ballast. See Figure A above for typical ballast configurations.

2. Re-wire fixture as shown below. For Double-ended wiring, use either shunted or nonshunted lampholders.

   Note: There should not be any exposed wires at the end of installation.

   Shunted Lampholders

   Nonshunted Lampholders
**KT-LED15T8-48GC-850-DX2**

**T8 LED LAMP**

### PHYSICAL CHARACTERISTICS

**LAMP DIMENSIONS**

<table>
<thead>
<tr>
<th>A (Illuminated Length)</th>
<th>42.63”</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>
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</thead>
<tbody>
<tr>
<td>KT-LED15T8-48GC-850-DX2-CP</td>
<td>Carton Pack (Egg Crate Packaging)</td>
<td>25</td>
<td>Quick Ship</td>
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<tr>
<td>KT-LED15T8-48GC-850-DX2-DP</td>
<td>Distributor Pack (Individual Cartons)</td>
<td>12</td>
<td>Quick Ship</td>
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</table>

### CATALOG NUMBER BREAKDOWN

**KT-LED15T8-48GC-850-DX2-CP**