**KT-LED24T8-60GC-850-D**
T8 LED LAMP

**DESCRIPTION**
24W T8 LED | 5000K | >83 CRI | High Efficiency

**LAMP TYPE:** Linear
**BULB TYPE:** T8 LED
**BASE TYPE:** G13 (Medium Bi-Pin)
**WATTAGE:** 24W
**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
- Operating Temperature: -20°C/-4°F to 45°C/113°F
- 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**

<table>
<thead>
<tr>
<th>Electrical Characteristics</th>
<th>Input Voltage</th>
<th>Power Consumption</th>
<th>Power Factor</th>
<th>Input Current</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>120-277 Vac</td>
<td>24W</td>
<td>&gt;0.9</td>
<td>0.20A @ 120V 0.08A @ 277V</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Photometric Characteristics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color Temperature (CCT)</td>
</tr>
<tr>
<td>Luminous Flux</td>
</tr>
<tr>
<td>Color Rendering Index (CRI)</td>
</tr>
<tr>
<td>Efficacy</td>
</tr>
<tr>
<td>Beam Angle</td>
</tr>
<tr>
<td>Visible Light Area</td>
</tr>
</tbody>
</table>

**RATED LIFE**

| L70 (Hours) | 50,000 |

**SPECTRAL DISTRIBUTION**

**POLAR CANDELA DISTRIBUTION**

1. **Violet** Vertical Plane through Horizontal Angles (90-270)
2. **Green** Vertical Plane through Horizontal Angles (0-180)
KT-LED24T8-60GC-850-D
T8 LED LAMP

WIRING DIAGRAMS
1. Wire fixture as shown below.

   ![Wiring Diagram]

   - Direct Drive LED Tube
   - Direct Drive LED Tube
   - Direct Drive LED Tube
   - Direct Drive LED Tube

   - No Live Connection

   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.

PHYSICAL CHARACTERISTICS

LAMP DIMENSIONS

<table>
<thead>
<tr>
<th>A (Illuminated Length)</th>
<th>55.13”</th>
</tr>
</thead>
<tbody>
<tr>
<td>B (Body Length)</td>
<td>59”</td>
</tr>
<tr>
<td>C (Diameter)</td>
<td>1.10”</td>
</tr>
</tbody>
</table>

NOMINAL LENGTH: 60”  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-LED24T8-60GC-850-D-CP</td>
<td>Carton Pack (Egg Crate Packaging)</td>
<td>25</td>
<td>Quick Ship</td>
</tr>
</tbody>
</table>

CATALOG NUMBER BREAKDOWN