**KT-LED32T8-72GC-840-D**

**T8 LED LAMP**

**DESCRIPTION**

32W T8 LED | 4000K | >83 CRI | High Efficiency

**LAMP TYPE:** Linear
**BULB TYPE:** T8 LED
**BASE TYPE:** G13 (Medium Bi-Pin)
**WATTAGE:** 32W
**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 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>120-277 Vac</td>
<td>32W</td>
<td>&gt;0.9</td>
<td>0.26A @ 120V</td>
</tr>
</tbody>
</table>

**RATED LIFE**

| L70 (Hours) | 50,000 |

**PHOTOMETRIC CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Color Temperature (CCT)</th>
<th>4000K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luminous Flux</td>
<td>3300 lm</td>
</tr>
<tr>
<td>Color Rendering Index (CRI)</td>
<td>&gt;83</td>
</tr>
<tr>
<td>Efficacy</td>
<td>103 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>

**POLAR CANDELA DISTRIBUTION**

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)
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**WIRING DIAGRAMS**

1. Wire fixture as shown below.

   ![Wiring Diagram](image)

   **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>Dimension</th>
<th>Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (Illuminated Length)</td>
<td>65.56”</td>
</tr>
<tr>
<td>B (Body Length)</td>
<td>69.44”</td>
</tr>
<tr>
<td>C (Diameter)</td>
<td>1.12”</td>
</tr>
</tbody>
</table>

**NOMINAL LENGTH:** 72”  **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-LED32T8-72GC-840-D-CP</td>
<td>Carton Pack (Egg Crate Packaging)</td>
<td>12</td>
<td>Quick Ship</td>
</tr>
</tbody>
</table>

**CATALOG NUMBER BREAKDOWN**

**KT-LED32T8-72GC-840-D-CP**

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