**DESCRIPTION**

32W T8 LED | 5000K | >83 CRI | High Efficiency

- **LAMP TYPE:** Linear
- **BULB TYPE:** T8 LED
- **BASE TYPE:** G13 (Medium Bi-Pin)
- **WATTAGE:** 32W
- **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: -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>32W</td>
<td>&gt;0.9</td>
<td>0.26A @ 120V 0.12A @ 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>3400 lm</td>
</tr>
<tr>
<td>Color Rendering Index (CRI)</td>
<td>&gt;83</td>
</tr>
<tr>
<td>Efficacy</td>
<td>106 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**

Flux (W/µm) vs. Wavelength (nm)

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

Specifications subject to change. Last revised on 01.03.18
KT-LED32T8-72GC-850-D
T8 LED LAMP

WIRING DIAGRAMS

1. Wire fixture as shown below.

   ![Wiring Diagram]

   - Connect wires directly to these terminals
   - Typical Non-Shunted Lampholder
   - 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></th>
<th>A (Illuminated Length)</th>
<th>B (Body Length)</th>
<th>C (Diameter)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOMINAL LENGTH:</td>
<td>72”</td>
<td>69.44”</td>
<td>1.12”</td>
</tr>
<tr>
<td>N. LENGTH:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BASE TYPE:</td>
<td>G13 (Medium Bi-Pin)</td>
<td></td>
<td></td>
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</table>

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-850-D-CP</td>
<td>Carton Pack (Egg Crate Packaging)</td>
<td>12</td>
<td>Quick Ship</td>
</tr>
</tbody>
</table>

CUTLASS NUMBER BREAKDOWN

KT-LED32T8-72GC-850-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