DESCRIPTION
24W T8 LED | 4000K | >83 CRI | High Efficiency

LAMP TYPE: Linear
BULB TYPE: T8 LED
BASE TYPE: G13 (Medium Bi-Pin)
WATTAGE: 24W
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>120-277Vac</td>
<td>24W</td>
<td>&gt;0.9</td>
<td>0.20A @ 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>2400 lm</td>
</tr>
<tr>
<td>Color Rendering Index (CRI)</td>
<td>&gt;83</td>
</tr>
<tr>
<td>Efficacy</td>
<td>100 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

POLAR CANDELA DISTRIBUTION

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

1. Wire fixture as shown below.

   ![Wiring Diagram]

   - **Direct Drive LED Tube**
   - **No Live Connection**
   - **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.

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**PHYSICAL CHARACTERISTICS**

**LAMP DIMENSIONS**

- **A (Illuminated Length):** 55.13”
- **B (Body Length):** 59”
- **C (Diameter):** 1.10”

**NOMINAL LENGTH:** 60”  
**BASE TYPE:** G13 (Medium Bi-Pin)

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**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-LED24T8-60GC-840-D-CP</td>
<td>Carton Pack (Egg Crate Packaging)</td>
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<td>Quick Ship</td>
</tr>
</tbody>
</table>

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**CATALOG NUMBER BREAKDOWN**

**KT-LED24T8-60GC-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**

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**Specifications subject to change. Last revised on 01.03.18**