KT-LED43T8-96G-840-D
T8 LED LAMP

DESCRIPTION
43W T8 LED | 4000K | >80 CRI | High Efficiency | 8 Foot

<table>
<thead>
<tr>
<th>LAMP TYPE: Linear</th>
<th>COLOR TEMPERATURE: 4000K</th>
</tr>
</thead>
<tbody>
<tr>
<td>BULB TYPE: T8 LED</td>
<td>COLOR RENDERING INDEX (CRI): &gt;80</td>
</tr>
<tr>
<td>BASE TYPE: Fa8 (Single-Pin)</td>
<td>WARRANTY: 5 Years</td>
</tr>
<tr>
<td>WATTAGE: 43W</td>
<td></td>
</tr>
</tbody>
</table>

PRODUCT FEATURES
• Replacement for Conventional T8/T12 8 Foot Single-Pin Fluorescent Lamp
• Double Ended Line Voltage Wiring: Connect power to each end for simplified installation
• 50,000+ Hour Lifetime
• Approximately 50% More Energy Efficient than Standard F96T12 Lamps
• Environmentally Friendly: No Mercury Used
• NSF Listed: NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Component level, Not for Direct Food Zone without additional fixture considerations)
• Includes 2 C-clips to be installed with the lamps into the fixture ballast cover to prevent any potential un-desired lamp twisting or sagging
• Frosted Lens Elimates Pixelation
• UL Classified
• Operating Temperature: -20°C/-4°F to 55°C/131°F
• Integral Driver (Isolated), Eliminates the Need for External Driver or Ballast
• 120+ Lumens per Watt
• DLC Listed
• Instant Startup

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>43W</td>
<td>&gt;0.9</td>
<td>0.36 @ 120V</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.16 @ 277V</td>
</tr>
</tbody>
</table>

PHOTOMETRIC CHARACTERISTICS

<table>
<thead>
<tr>
<th>Color Temperature</th>
<th>Luminous Flux</th>
<th>Color Rendering Index (CRI)</th>
<th>Efficacy</th>
<th>Beam Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>4000K</td>
<td>5500 lm</td>
<td>&gt;80</td>
<td>128 lm/W</td>
<td>325º</td>
</tr>
</tbody>
</table>

RATED LIFE

L70 (Hours) | 50,000

SPECTRAL DISTRIBUTION

Flux (W/nm) 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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Specifications subject to change. Last revised on 8.9.18
WIRING DIAGRAMS

1. Identify ballast configuration as shown below and cut all wires connected to the ballast accordingly.

   Typical Ballast Configurations:
   - ELECTRONIC
   - MAGNETIC 120V
   - MAGNETIC 277V

2. Confirm that the lampholders in the fixture are single-pin Fa8 lampholders. These DirectDrive LED tubes require single-pin Fa8 lampholders.

3. Rewire the fixture using existing lampholders as shown below according to the original ballast wiring configuration.

   Typical Ballast Configurations:
   - ELECTRONIC
   - MAGNETIC 120V
   - MAGNETIC 277V

PHYSICAL CHARACTERISTICS

LAMP DIMENSIONS

<table>
<thead>
<tr>
<th>A (Illuminated Length)</th>
<th>91.5”</th>
</tr>
</thead>
<tbody>
<tr>
<td>B (Body Length)</td>
<td>93.31”</td>
</tr>
<tr>
<td>C (Cross Section: Width x Height)</td>
<td>1.08” x 1.31”</td>
</tr>
</tbody>
</table>

NOMINAL LENGTH: 96”  BASE TYPE: Fa8 (Single-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-LED43T8-96G-840-D-CP</td>
<td>Distributor Pack (Individual Cartons)</td>
<td>10</td>
<td>Quick Ship</td>
</tr>
</tbody>
</table>

CATALOG NUMBER BREAKDOWN

KT-LED43T8-96G-840-D-CP

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