KT-LED43T8HO-96G-840-D
T8 LED LAMP

DESCRIPTION
43W T8HO/T12HO LED | 4000K | >80 CRI | High Efficiency | 8 Foot

| LAMP TYPE: Linear | COLOR TEMPERATURE: 4000K |
| BULB TYPE: T8HO/T12HO LED | COLOR RENDERING INDEX (CRI): >80 |
| BASE TYPE: R17d (Recessed Double Contact) | WARRANTY: 5 Years |
| WATTAGE: 43W |

PRODUCT FEATURES
- Replacement for Conventional T8HO/T12HO 8 Foot 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 F96T12HO Lamps
- Environmentally Friendly: No Mercury Used
- Instant Startup
- 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: -20ºC/-4ºF to 55ºC/131ºF
- Integral Driver (Isolated), Eliminates the Need for External Driver or Ballast
- 120+ Lumens per Watt

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>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

| Color Temperature | 4000K |
| Luminous Flux     | 5500 lm |
| Color Rendering Index (CRI) | >80 |
| Efficacy          | 128 lm/W |
| Beam Angle        | 325º |

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)

Specifications subject to change. Last revised on 4.25.18
**WIRING DIAGRAMS**

Double Ended Line Voltage Wiring

![Wiring Diagram]

For Retrofit Applications (see below notes)

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

   Typical Ballast Configurations:

   - [Diagram of Retrofit Wiring]

2. Confirm that the lampholders in the fixture are R17d Double Recessed Contact lampholders. These DirectDrive LED tubes require R17d Double Recessed Contact lampholders.

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

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**PHYSICAL CHARACTERISTICS**

**LAMP DIMENSIONS**

![Dimensions Diagram]

- **A (Illuminated Length)**: 91.5”
- **B (Body Length)**: 93.31”
- **C (Cross Section: Width x Height)**: 1.08” x 1.31”

**NOMINAL LENGTH**: 96”  **BASE TYPE**: R17d (Recessed Double Contact)

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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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<tbody>
<tr>
<td>KT-LED43T8HO-96G-840-D-CP</td>
<td>Distributor Pack (Individual Cartons)</td>
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<td>Quick Ship</td>
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**CATALOG NUMBER BREAKDOWN**

**KT-LED43T8HO-96G-840-D-CP**

- Keystone Technologies
- LED Lamp
- Wattage
- Lamp Type
- High Output
- Nominal Length (Inches)
- Glass
- 800 Series
- Color Temp.
- Direct Drive Series
- Packaging Style

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