KT-LED18.5T8-48GC-835-D /G2
T8 LED LAMP

DESCRIPTION
18.5W T8 LED | 3500K | >83 CRI | High efficiency

| LAMP TYPE: Linear | WARRANTY: 5 Years |
| BULB TYPE: T8 LED |
| BASE TYPE: G13 (Medium Bi-Pin) |
| WATTAGE: 18.5W |
| COLOR TEMPERATURE: 3500K |
| COLOR RENDERING INDEX (CRI): >83 |

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: -20°C/-4°F to 45°C/113°F

- Integral driver (isolated), eliminates the need for external driver or ballast
- 110+ 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

<table>
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<tr>
<th>ELECTRICAL CHARACTERISTICS</th>
<th>PHOTOMETRIC CHARACTERISTICS</th>
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<tbody>
<tr>
<td>Input Voltage</td>
<td>Power Consumption</td>
</tr>
<tr>
<td>120-277Vac</td>
<td>18.5W</td>
</tr>
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</table>

RATED LIFE

| L70 (Hours) | 50,000 |

POLAR CANDELA DISTRIBUTION

1. Violet: Vertical Plane through Horizontal Angles (90-270)
2. Green: Vertical Plane through Horizontal Angles (0-180)
**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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<tr>
<td>KT-LED18.5T8-48GC-835-D /G2-CP</td>
<td>Carton Pack (Egg Crate Packaging)</td>
<td>25</td>
<td>Quick Ship</td>
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**PHYSICAL CHARACTERISTICS**

**LAMP DIMENSIONS**

- A (Illuminated Length): 44.38"
- B (Body Length): 47.15"
- C (Diameter): 1.10"

**NOMINAL LENGTH:** 48”  **BASE TYPE:** G13 (Medium Bi-Pin)

**WIRING DIAGRAMS**

1. Cut all existing connections to ballast as shown below and remove ballast.

**Typical Ballast Configurations:**

- **PROGAM START**
- **PREHEAT WITH STARTER**
- **INSTANT START**

2. Re-wire fixture as shown below.

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

**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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