KT-LED15T8-U1G-850-D
T8 LED LAMP

DESCRIPTION
15W T8 U-Bend LED | 5000K | >80 CRI | High Efficiency

LAMP TYPE: U-Bend
BULB TYPE: T8 LED
BASE TYPE: G13 (Medium Bi-Pin)
WATTAGE: 15W
COLOR TEMPERATURE: 5000K
COLOR RENDERING INDEX (CRI): > 80
WARRANTY: 5 Years

PRODUCT FEATURES
• Replacement for conventional fluorescent lamp
• UL Classified
• 50,000+ hour lifetime
• Approximately 40% more energy efficient than standard U-Bend fluorescent lamps
• Environmentally friendly: No mercury used
• Integral driver (isolated) eliminates the need for an external ballast or driver
• Instant startup
• Frosted lens eliminates pixelation
• Operating temperature: –20°C/–4°F to 45°C/113°F
• Bare lamp efficacy: 110+ lumens per watt
• Suitable for dry and damp locations

OPERATING SPECIFICATIONS
ELECTRICAL AND PERFORMANCE CHARACTERISTICS

<table>
<thead>
<tr>
<th>Input Voltage</th>
<th>CRI</th>
<th>Bare Lamp Wattage</th>
<th>Nominal Lamp Lumens</th>
<th>Beam Angle</th>
<th>Nominal Bare Lamp Efficacy</th>
<th>Power Factor</th>
<th>Max. THD</th>
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<tbody>
<tr>
<td>120–277Vac</td>
<td>&gt;80</td>
<td>15W</td>
<td>1,800</td>
<td>220º</td>
<td>120 lm/W</td>
<td>&gt;0.9</td>
<td>25%</td>
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RATED LIFE
L70 (Hours) 50,000

SPECTRAL DISTRIBUTION

POLAR CANDELA DISTRIBUTION

Maximum Candela = 1248.55
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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WIRING
Re-wire fixture as shown below.

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.

CONNECT WIRING AS SHOWN
No live connection

PHYSICAL CHARACTERISTICS

LAMP DIMENSIONS
A (Illuminated Length) 20.30"
B (Body Length) 22.44"
C (Diameter) 1.09"
D (Width) 1.62"

NOMINAL LENGTH: 22.44"
BASE TYPE: G13 (Medium Bi-Pin)

ORDERING INFORMATION

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<thead>
<tr>
<th>ORDER CODE</th>
<th>PACKAGING STYLE</th>
<th>PACK QTY</th>
<th>ITEM STATUS</th>
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<td>KT-LED15T8-U1G-850-D-CP</td>
<td>Carton Pack (Egg Crate Packaging)</td>
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<td>Quick Ship</td>
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CATALOG NUMBER BREAKDOWN

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<td>9 Direct-Drive Series</td>
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<td>Lamp Type</td>
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Specifications subject to change. Last revised on 11.19.18