LAMP TYPE: Linear
BULB TYPE: T8 LED
BASE TYPE: Fa8 (Single-Pin)
WATTAGE: 36W
COLOR TEMPERATURE: 3500K
COLOR RENDERING INDEX (CRI): > 80
WARRANTY: 5 Years

DESCRIPTION
36W T8 LED | 3500K | >80 CRI | High-Efficiency | 8-Foot

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
- Approximately 50% more energy efficient than standard F96T12 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 undesired lamp twisting or sagging
- Frosted lens eliminates 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
- 100+ lumens per watt
- 50,000+ hour lifetime
- Plastic lens with aluminum backing

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>36W</td>
<td>&gt;0.9</td>
<td>0.30A @ 120V</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.14A @ 277V</td>
</tr>
</tbody>
</table>

PHOTOMETRIC CHARACTERISTICS

<table>
<thead>
<tr>
<th>Color Temperature (CCT)</th>
<th>3500K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luminous Flux</td>
<td>3750 lm</td>
</tr>
<tr>
<td>Color Rendering Index (CRI)</td>
<td>&gt;80</td>
</tr>
<tr>
<td>Efficacy</td>
<td>104 lm/W</td>
</tr>
<tr>
<td>Beam Angle</td>
<td>120º</td>
</tr>
</tbody>
</table>

SPECTRAL DISTRIBUTION

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)
WIRING INSTRUCTIONS

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

![Typical Ballast Configurations](image)

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 Rewiring Configurations](image)

PHYSICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>LAMP DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (Body Length)</td>
</tr>
<tr>
<td>B (Illuminated Length)</td>
</tr>
<tr>
<td>C (Cross-section: Width x Height)</td>
</tr>
</tbody>
</table>

**Nominal Length**: 96"

**Base Type**: Fa8 (Single-Pin)
KT-LED36T8-96P-835-D-DP
T8 LED LAMP

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-LED36T8-96P-835-D-DP</td>
<td>Distributor Pack (Individual Cartons)</td>
<td>20</td>
<td>Quick Ship</td>
</tr>
</tbody>
</table>

CATALOG NUMBER BREAKDOWN

KT-LED36T8-96P-835-D-DP

1  Keystone Technologies
2  LED Lamp
3  Wattage
4  Lamp Type
5  Nominal Length (Inches)
6  Plastic/Aluminum Case
7  800 Series
8  Color Temperature
9  Direct Drive Series
10 Packaging Style

Keystone Technologies • Philadelphia, PA • Phone (800) 464-2680 • www.keystonetech.com
Specifications subject to change. Last revised on 06.13.19