KT-LED7T8-18G-840-D
T8 LED LAMP

DESCRIPTION
7W T8 LED | 4000K | >83 CRI | High Efficiency

LAMP TYPE: Linear
BULB TYPE: T8 LED
BASE TYPE: G13 (Medium Bi-Pin)
WATTAGE: 7W
COLOR TEMPERATURE: 4000K
COLOR RENDERING INDEX (CRI): >83
WARRANTY: 5 Years

PRODUCT FEATURES
- Replacement for Conventional Fluorescent Lamp
- 50,000+ Hour Lifetime
- 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
- 100+ Lumens per Watt

OPERATING SPECIFICATIONS

PHOTOMETRIC CHARACTERISTICS

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

Typical Ballast Configurations:

PROGAM START

PREHEAT WITH STARTER

INSTANT START

Typical Non-Shunted Lampholder

Connect wires directly to these terminals

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.

2. Re-wire fixture as shown below.

PHYSICAL CHARACTERISTICS
LAMP DIMENSIONS

A (Illuminated Length)  14.24"
B (Body Length)  17.12"
C (Diameter)  1.10"

NOMINAL LENGTH: 18”  BASE TYPE: G13 (Medium Bi-Pin)

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-LED7T8-18G-840-D-CP</td>
<td>Carton Pack (Egg Crate Packaging)</td>
<td>25</td>
<td>Quick Ship</td>
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CATALOG NUMBER BREAKDOWN

KT-LED7T8-18G-840-D-CP

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

Specifications subject to change. Last revised on 11.15.19