# KEYSTONE
SINCE 1945

# DIRECTDRIVE LED
## LINE VOLTAGE T8 TUBES

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

DLC QPL LISTED | CLASSIFIED c UL us | c UL us | RoHS Compliant | 5 YEAR WARRANTY

## DESCRIPTION

15W T8 U-Bend LED **I** 5000K **I** >80 CRI **I** 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: –20ºC/–4ºF to 45ºC/113ºF
• Bare lamp efficacy: 110+ lumens per watt
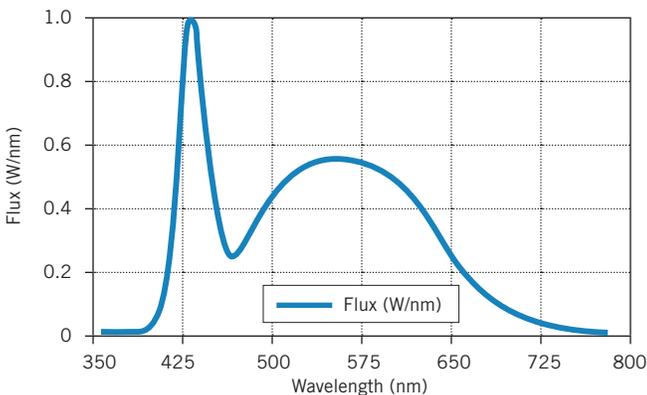• Suitable for dry and damp locations

## OPERATING SPECIFICATIONS

### ELECTRICAL AND PERFORMANCE CHARACTERISTICS

| Input Voltage | CRI | Bare Lamp Wattage | Nominal Lamp Lumens | Beam Angle | Nominal Bare Lamp Efficacy | Power Factor | Max. THD |
|---|---|---|---|---|---|---|---|
| 120–277Vac | >80 | 15W | 1,800 | 220º | 120 lm/W | >0.9 | 25% |

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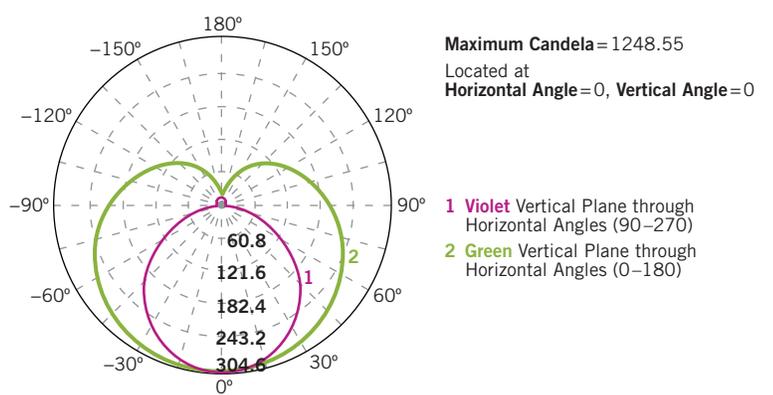
## KT-LED15T8-U1G-850-D
### T8 LED LAMP

## WIRING

Re-wire fixture as shown below.

Line    Neutral

Power Source

No live connection

Line

Neutral

No live connection

### 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 wires directly to these terminals

## PHYSICAL CHARACTERISTICS

A

C

D

B
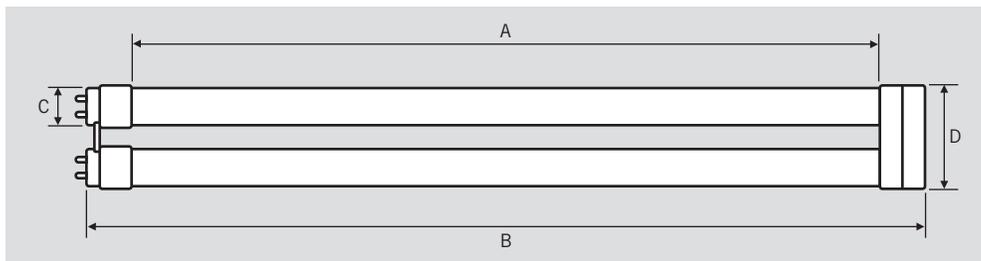
### LAMP DIMENSIONS

| | |
|---|---|
| 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

| ORDER CODE | PACKAGING STYLE | PACK QTY. | ITEM STATUS |
|---|---|---|---|
| KT-LED15T8-U1G-850-D-CP | Carton Pack (Egg Crate Packaging) | 25 | Quick Ship |

## CATALOG NUMBER BREAKDOWN

# KT-LED15T8-U1G-850-D-CP
**1**   **2**   **3**   **4**   **5**   **6**   **7**   **8**   **9**   **10**

**1** Keystone Technologies
**2** LED Lamp
**3** Wattage
**4** Lamp Type
**5** Nominal Size
**6** Glass
**7** 800 Series
**8** Color Temperature
**9** Direct-Drive Series
**10** Packaging Style