



# DIRECT DRIVE LED

LINE VOLTAGE T8 TUBES

## KT-LED15T8-U1G-835-D

T8 LED LAMP

### DESCRIPTION

15W T8 U-Bend LED | 3500K | >80 CRI | High Efficiency

<b>LAMP TYPE:</b> U-Bend
<b>BULB TYPE:</b> T8 LED
<b>BASE TYPE:</b> G13 (Medium Bi-Pin)
<b>WATTAGE:</b> 15W
<b>COLOR TEMPERATURE:</b> 3500K
<b>COLOR RENDERING INDEX (CRI):</b> >80
<b>WARRANTY:</b> 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

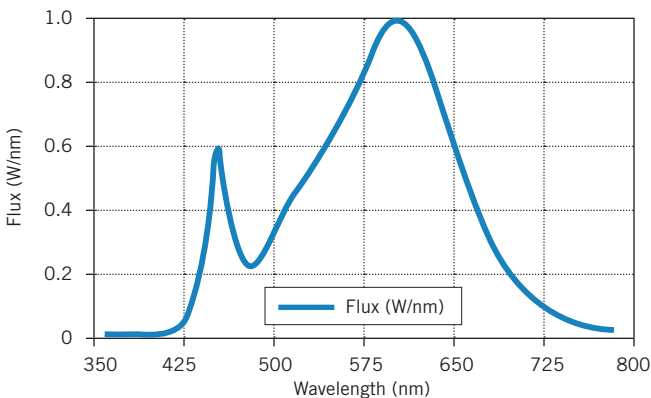
#### ELECTRICAL AND PERFORMANCE CHARACTERISTICS

Input Voltage	CRI	Bare Lamp Wattage	Nominal Lamp Lumens	Beam Angle	Nominal Bare Lamp Efficacy	Power Factor	Max. THD
120-277Vac	>80	15W	1,700	220°	113 lm/W	>0.9	25%

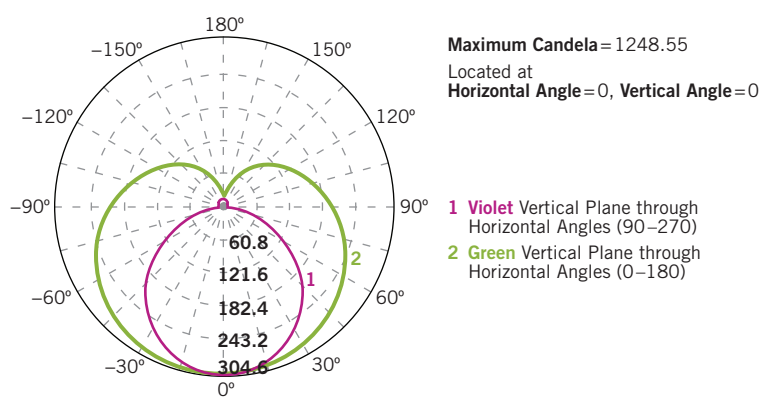
#### RATED LIFE

L70 (Hours)	50,000
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#### SPECTRAL DISTRIBUTION



#### POLAR CANDELA DISTRIBUTION





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### WIRING

Re-wire fixture as shown below.

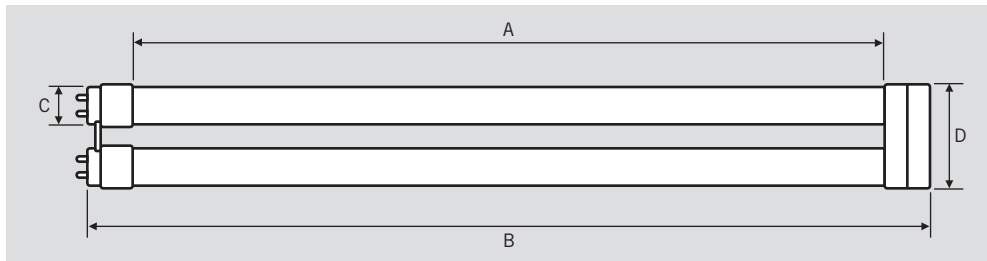
**TYPICAL NON-SHUNTED LAMPHOLDER**

**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.

### 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

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED15T8-U1G-835-D-CP	Carton Pack (Egg Crate Packaging)	25	Quick Ship

### CATALOG NUMBER BREAKDOWN

# KT-LED15T8-U1G-835-D-CP

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

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