



# KT-LED18T8-U6GC-840-D

## U-BEND T8 LED LAMP

### DESCRIPTION

18W T8 U-Bend LED | 4000K | >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> 18W
<b>COLOR TEMPERATURE:</b> 4000K
<b>COLOR RENDERING INDEX (CRI):</b> >80
<b>WARRANTY:</b> 5 Years



### PRODUCT FEATURES

- Replacement for Conventional Fluorescent Lamp
- UL Classified; Listed on DLC Qualified Product List
- 50,000+ Hour Lifetime
- Approximately 40% More Energy Efficient than Standard F32T8 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
- 110+ Lumens per Watt (Bare Lamp Efficacy)
- Suitable for Dry and Damp Locations
- Improved Lamp Durability with Shatterproof Coated Glass
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment

### OPERATING SPECIFICATIONS

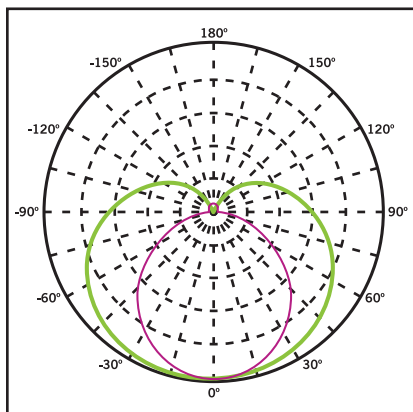
#### ELECTRICAL AND PERFORMANCE CHARACTERISTICS

Input Voltage	CRI	Bare Lamp Wattage	Nominal Lamp Lumens	Beam Angle	Nominal Bare Lamp Efficacy	Power Factor	Max. THD
120-277V	>80	18W	2150	220°	119 lm/W	>0.9	20%

#### RATED LIFE

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

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**Beam Angle: 220°**

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**Visible Light Area: 325°**

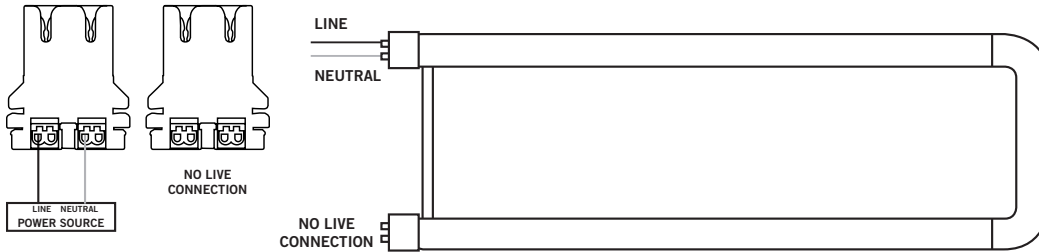


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### WIRING

Re-wire fixture as show below.



**Typical Non-Shunted Lampholder**

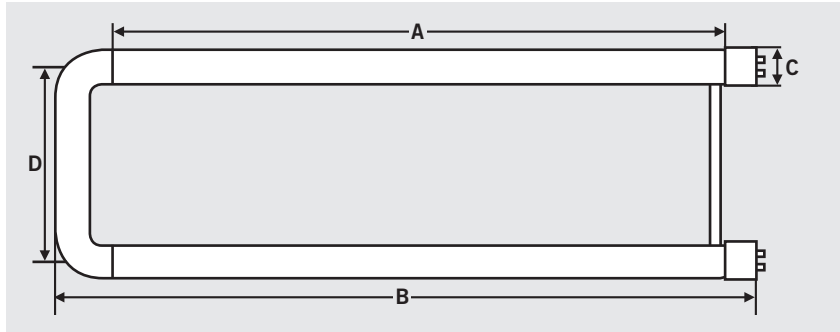
Connect wires directly to these terminals

**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.

### PHYSICAL CHARACTERISTICS



#### LAMP DIMENSIONS

<b>A (Illuminated Length)</b>	20.20"
<b>B (Body Length)</b>	22.25"
<b>C (Diameter)</b>	1.00"
<b>D (Width)</b>	6.00"
<b>Nominal Length</b>	6" U-Bend
<b>Base Type</b>	G13 (Medium Bi-Pin)

### ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED18T8-U6GC-840-D-CP	Carton Pack (Egg Crate Packaging)	12	Quick Ship

### CATALOG NUMBER BREAKDOWN

# KT-LED18T8-U6GC-840-D-CP





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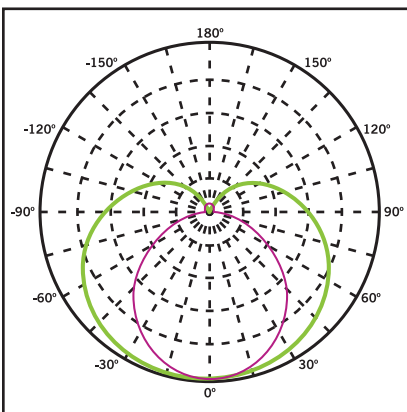
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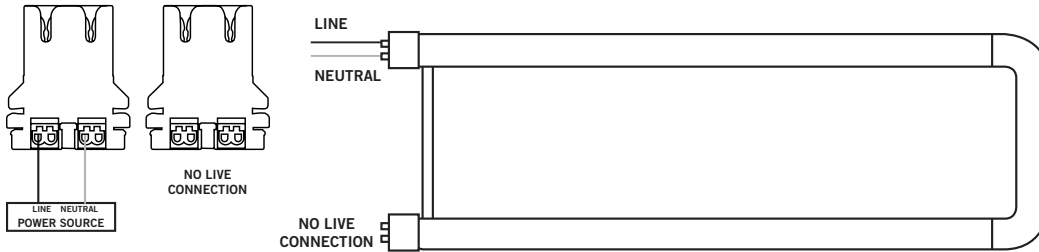


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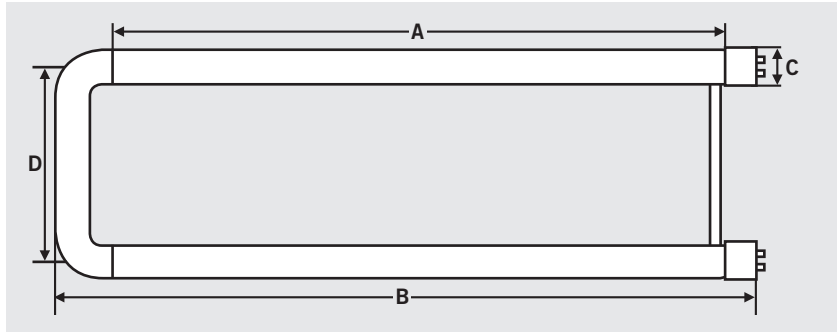
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