



# KT-LED15T8-U6GC-835-S

## U-BEND T8 LED LAMP

### DESCRIPTION

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



|   |
|---|
| <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

- Compatible with Most Instant and Program Start Electronic T8 Ballasts, Contact Keystone for Ballast Compatibility List
- Direct Replacement for the Following Fluorescent Lamps: F32T8/32W, F32T8/30W, F32T8/28W, F32T8/25W
- UL Listed; Listed on DLC Qualified Products List
- 50,000+ Hour Lifetime
- Environmentally Friendly: No Mercury Used
- 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
- Instant Startup

### OPERATING SPECIFICATIONS

#### ELECTRICAL AND PERFORMANCE CHARACTERISTICS

| Input Voltage     | CRI | Bare Lamp Wattage | Nominal Lamp Lumens | System Wattage* |        |        | Initial Lumens* |        |        | Beam Angle | Nominal Bare Lamp Efficacy | Power Factor | Max. THD |
|-------------------|-----|-------------------|---------------------|-----------------|--------|--------|-----------------|--------|--------|------------|----------------------------|--------------|----------|
|                   |     |                   |                     | 0.78BF          | 0.88BF | 1.18BF | 0.78BF          | 0.88BF | 1.18BF |            |                            |              |          |
| Ballast Dependent | >80 | 15W               | 2100 lm             | 15.8W           | 17.5W  | 24.1W  | 1920W           | 2140W  | 2770W  | 220°       | 140                        | >0.9         | 20%**    |

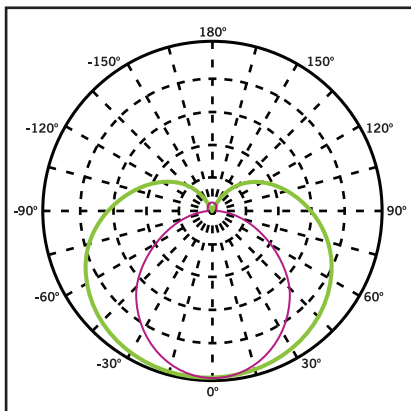
\* Nominal values. Actual values may vary depending on electronic ballast used.

\*\* ± 5%

#### RATED LIFE

|             |        |
|-------------|--------|
| L70 (Hours) | 50,000 |
|-------------|--------|

#### 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)



**SMARTDRIVE LED**  
PLUG & PLAY WITH BALLAST

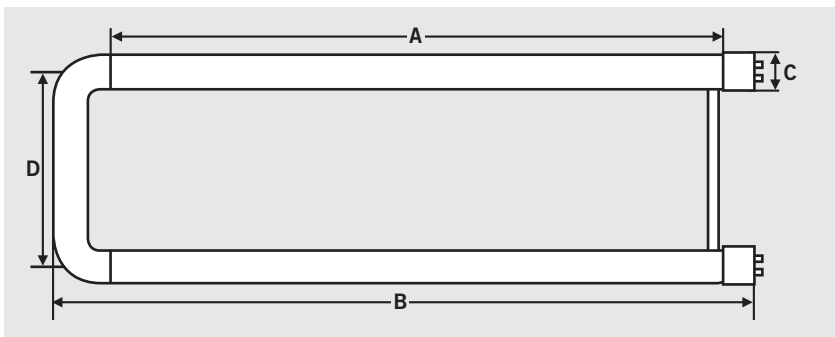
## KT-LED15T8-U6GC-835-S

### T8 LED LAMP

#### WIRING

**Plug and Play:** Simply replace the existing fluorescent lamp with Keystone Smart Drive LED lamp. No changes to the existing fluorescent ballast wiring needed. For ballast compatibility questions, please contact Keystone.

#### PHYSICAL CHARACTERISTICS



#### LAMP DIMENSIONS

|                        |                     |
|------------------------|---------------------|
| A (Illuminated Length) | 20.2"               |
| B (Body Length)        | 22.25"              |
| C (Diameter)           | 1.00"               |
| D (Width)              | 6.00"               |
| Nominal Length         | 6" U-Bend           |
| Base Type              | G13 (Medium Bi-Pin) |

#### ORDERING INFORMATION

| ORDER CODE               | PACKAGING STYLE                       | PACK QTY. | ITEM STATUS |
|--------------------------|---------------------------------------|-----------|-------------|
| KT-LED15T8-U6GC-835-S-CP | Carton Pack (Egg Crate Packaging)     | 25        | Quick Ship  |
| KT-LED15T8-U6GC-835-S-DP | Distributor Pack (Individual Cartons) | 20        | Quick Ship  |

#### CATALOG NUMBER BREAKDOWN

# KT-LED15T8-U6GC-835-S-CP

|                       |          |         |           |              |                           |            |             |                    |                 |
|-----------------------|----------|---------|-----------|--------------|---------------------------|------------|-------------|--------------------|-----------------|
| Keystone Technologies | LED Lamp | Wattage | Lamp Type | Nominal Size | Shatterproof Coated Glass | 800 Series | Color Temp. | Smart Drive Series | Packaging Style |
|-----------------------|----------|---------|-----------|--------------|---------------------------|------------|-------------|--------------------|-----------------|