



# KT-LED10T8-36GC-835-S

## T8 LED LAMP

### DESCRIPTION

10W T8 LED | 3500K | >80 CRI | High Efficiency | Ballast Compatible



**LAMP TYPE:** Linear

**BULB TYPE:** T8 LED

**BASE TYPE:** G13 (Medium Bi-Pin)

**WATTAGE:** 10W

**COLOR TEMPERATURE:** 3500K

**COLOR RENDERING INDEX (CRI):** >80

**WARRANTY:** 5 Years



### PRODUCT FEATURES

- Compatible with Most Instant and Program Start Electronic T8 Ballasts, Contact Keystone for Ballast Compatibility List
- Direct Replacement for F25T8 Fluorescent Lamps
- DLC & UL Listed
- 50,000+ Hour Lifetime
- Environmentally Friendly: No Mercury Used
- Instant Startup
- Frosted Lens Eliminates Pixelation
- Operating Temperature: -20°C/-4°F to 45°C/113°F
- 100+ Lumens per Watt (Bare Lamp Efficacy)
- Suitable for Dry and Damp Locations
- Improved Lamp Durability with Shatterproof Coated Glass, designed to pass drop tests of 6' on hard surface
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Not for Direct Food Zone without additional fixture considerations)

### OPERATING SPECIFICATIONS

#### ELECTRICAL AND PERFORMANCE CHARACTERISTICS

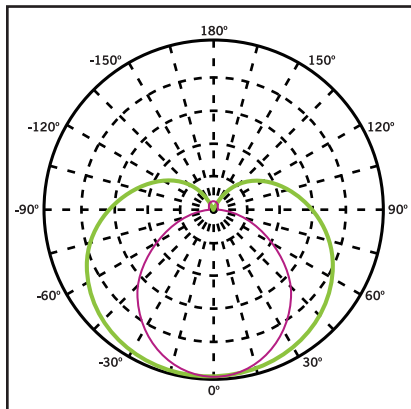
| Input Voltage     | CRI | Bare Lamp Wattage | Nominal Lamp Lumens | System Wattage* |        |        | Initial Lumens* |        |        | Beam Angle | Nominal Bare Lamp Efficacy | Power Factor | Max. THD |
|-------------------|-----|-------------------|---------------------|-----------------|--------|--------|-----------------|--------|--------|------------|----------------------------|--------------|----------|
|                   |     |                   |                     | 0.78BF          | 0.88BF | 1.18BF | 0.78BF          | 0.88BF | 1.18BF |            |                            |              |          |
| Ballast Dependent | >80 | 10                | 1400                | 10.86           | 13.3   | 18.6   | 1270            | 1410   | 1820   | 220°       | 140                        | >0.9         | 20%      |

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

### RATED LIFE

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

### 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)

Beam Angle: 220°

Visible Light Area: 325°



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### 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 compability questions, please contact Keystone.

### PHYSICAL CHARACTERISTICS

#### LAMP DIMENSIONS

|  |                        |        |
|--|------------------------|--------|
|  | A (Illuminated Length) | 32.60" |
|  | B (Body Length)        | 35.10" |
|  | C (Diameter)           | 1.00"  |

**NOMINAL LENGTH:** 36" **BASE TYPE:** G13 (Medium Bi-Pin)

### ORDERING INFORMATION

| ORDER CODE               | PACKAGING STYLE                       | PACK QTY. | ITEM STATUS |
|--------------------------|---------------------------------------|-----------|-------------|
| KT-LED10T8-36GC-835-S-CP | Carton Pack (Egg Crate Packaging)     | 25        | Quick Ship  |
| KT-LED10T8-36GC-835-S-DP | Distributor Pack (Individual Cartons) | 20        | Quick Ship  |

### CATALOG NUMBER BREAKDOWN

# KT-LED10T8-36GC-835-S-CP

|                          |          |         |              |                               |                              |               |                |                          |                    |
|--------------------------|----------|---------|--------------|-------------------------------|------------------------------|---------------|----------------|--------------------------|--------------------|
| Keystone<br>Technologies | LED Lamp | Wattage | Lamp<br>Type | Nominal<br>Length<br>(Inches) | Shatterproof<br>Coated Glass | 800<br>Series | Color<br>Temp. | Smart<br>Drive<br>Series | Packaging<br>Style |
|--------------------------|----------|---------|--------------|-------------------------------|------------------------------|---------------|----------------|--------------------------|--------------------|