



# KT-LED14T8-48GC-840-S

## T8 LED LAMP

### DESCRIPTION

14W T8 LED | 4000K | >80 CRI | High Efficiency | Ballast Compatible



|   |
|---|
| <b>LAMP TYPE:</b> Linear                |
| <b>BULB TYPE:</b> T8 LED                |
| <b>BASE TYPE:</b> G13 (Medium Bi-Pin)   |
| <b>WATTAGE:</b> 14W                     |
| <b>COLOR TEMPERATURE:</b> 4000K         |
| <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; Was Listed on DLC QPL prior to April 2017
- 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

### OPERATING SPECIFICATIONS

#### ELECTRICAL AND PERFORMANCE CHARACTERISTICS

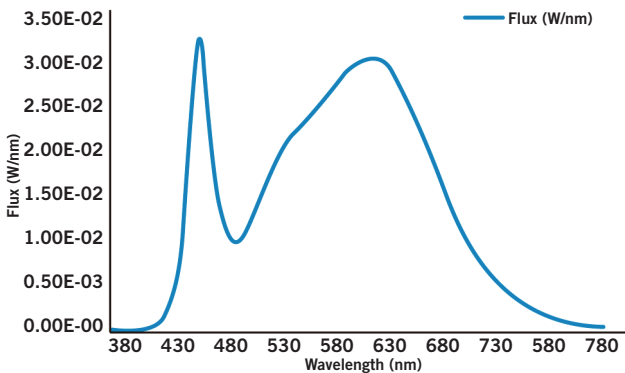
| Input Voltage     | CRI | Bare Lamp Wattage | Nominal Lamp Lumens | System Wattage* |        |        | Initial Lumens* |         |         | Beam Angle | Nominal Bare Lamp Efficacy | Power Factor | Max. THD |
|-------------------|-----|-------------------|---------------------|-----------------|--------|--------|-----------------|---------|---------|------------|----------------------------|--------------|----------|
|                   |     |                   |                     | 0.78BF          | 0.88BF | 1.18BF | 0.78BF          | 0.88BF  | 1.18BF  |            |                            |              |          |
| Ballast Dependent | >80 | 14W               | 1800 lm             | 14.2W           | 16.4W  | 22.1W  | 1670 lm         | 1940 lm | 2560 lm | 220°       | 128.6                      | >0.9         | 20%      |

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

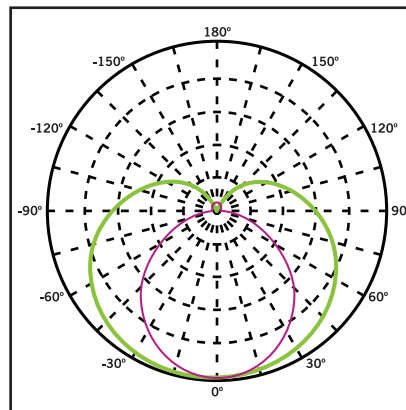
#### RATED LIFE

|             |        |
|-------------|--------|
| 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)

**Beam Angle: 220°**

**Visible Light Area: 325°**



**SMARTDRIVE LED**  
PLUG & PLAY WITH BALLAST

# KT-LED14T8-48GC-840-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) | 44.70" |
| B (Body Length)        | 47.15" |
| C (Diameter)           | 1.00"  |

**NOMINAL LENGTH:** 48" **BASE TYPE:** G13 (Medium Bi-Pin)

### ORDERING INFORMATION

| ORDER CODE               | PACKAGING STYLE                       | PACK QTY. | ITEM STATUS |
|--------------------------|---------------------------------------|-----------|-------------|
| KT-LED14T8-48GC-840-S-CP | Carton Pack (Egg Crate Packaging)     | 25        | Quick Ship  |
| KT-LED14T8-48GC-840-S-DP | Distributor Pack (Individual Cartons) | 20        | Quick Ship  |

### CATALOG NUMBER BREAKDOWN

# KT-LED14T8-48GC-840-S-CP

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