



# KT-LED15T8-48GC-950-D

## T8 LED LAMP

### DESCRIPTION

15W T8 LED | 5000K | >90 CRI | High Efficiency



|   |
|---|
| <b>LAMP TYPE:</b> Linear                |
| <b>BULB TYPE:</b> T8 LED                |
| <b>BASE TYPE:</b> G13 (Medium Bi-Pin)   |
| <b>WATTAGE:</b> 15W                     |
| <b>COLOR TEMPERATURE:</b> 5000K         |
| <b>COLOR RENDERING INDEX (CRI):</b> >90 |
| <b>WARRANTY:</b> 5 Years                |



### PRODUCT FEATURES

- Replacement for Conventional Fluorescent Lamp
- 50,000+ Hour Lifetime
- Approximately 40% More Energy Efficient than Standard F32T8 Lamps
- Environmentally Friendly: No Mercury Used
- Instant Startup
- Frosted Lens Eliminates Pixelation
- UL Classified
- Operating Temperature: -20°C/-4°F to 45°C/113°F
- Integral Driver (Isolated), Eliminates the Need for External Driver or Ballast
- 100+ Lumens per Watt
- Improved Lamp Durability with Shatterproof Coated Glass, designed to pass drop tests of 6' on hard surface
- ETL Sanitation Listed NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Not for Direct Food Zone without additional fixture considerations)

### OPERATING SPECIFICATIONS

#### ELECTRICAL CHARACTERISTICS

| Input Voltage | Power Consumption | Power Factor | Input Current                |
|---------------|-------------------|--------------|------------------------------|
| 120-277Vac    | 15W               | >0.9         | 0.13A @ 120V<br>0.05A @ 277V |

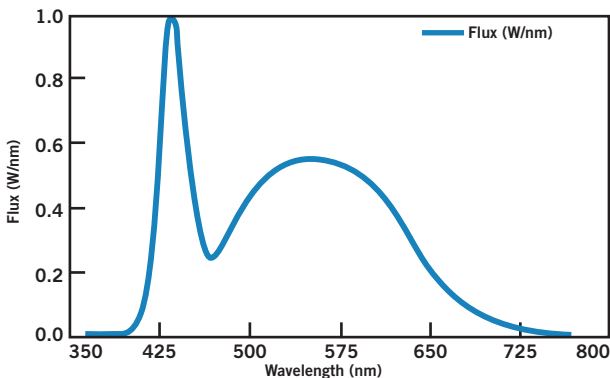
#### PHOTOMETRIC CHARACTERISTICS

|                             |          |
|-----------------------------|----------|
| Color Temperature (CCT)     | 5000K    |
| Luminous Flux               | 1675 lm  |
| Color Rendering Index (CRI) | >90      |
| Efficacy                    | 112 lm/W |
| Beam Angle                  | 240°     |
| Visible Light Area          | 325°     |

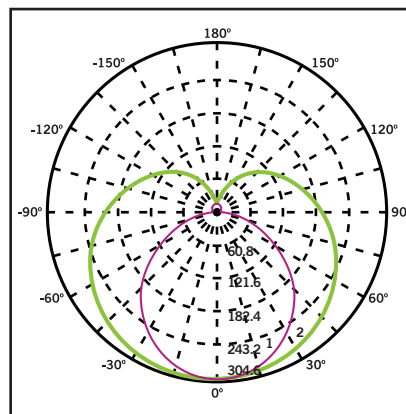
#### RATED LIFE

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



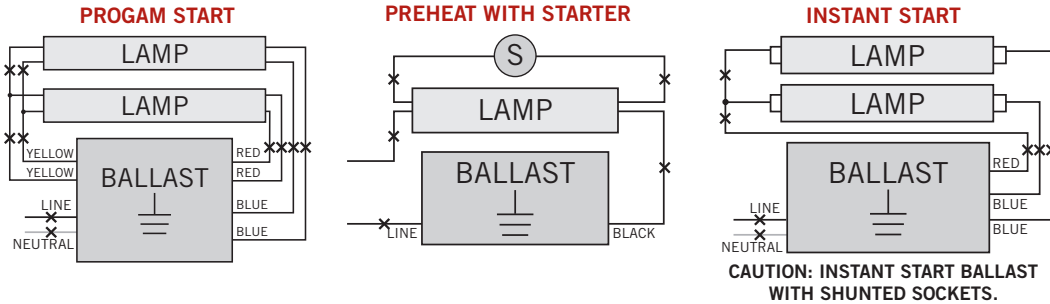
# KT-LED15T8-48GC-950-D

## T8 LED LAMP

### WIRING DIAGRAMS

1. Cut all existing connections to ballast as shown below and remove ballast.

#### Typical Ballast Configurations:



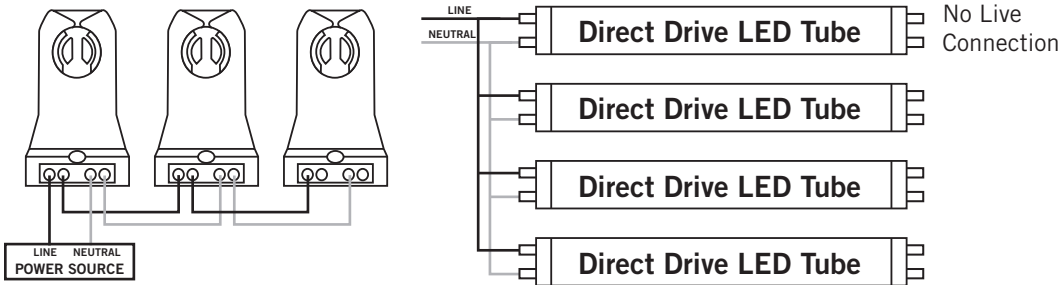
**Typical Non-Shunted Lampholder**

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.

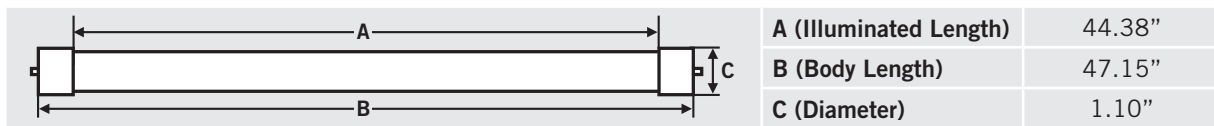
Keystone can provide any style replacement lampholders.  
Call us at 800-464-2680.

2. Re-wire fixture as shown below.



### PHYSICAL CHARACTERISTICS

#### LAMP DIMENSIONS



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

### ORDERING INFORMATION

| ORDER CODE               | PACKAGING STYLE                   | PACK QTY. | ITEM STATUS |
|--------------------------|-----------------------------------|-----------|-------------|
| KT-LED15T8-48GC-950-D-CP | Carton Pack (Egg Crate Packaging) | 25        | Quick Ship  |

### CATALOG NUMBER BREAKDOWN

# KT-LED15T8-48GC-950-D-CP

