

# KT-LED10.5T8-48GC-850-D

## T8 LED LAMP

### DESCRIPTION

10.5W T8 LED | 5000K | >83 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> 10.5W
<b>COLOR TEMPERATURE:</b> 5000K
<b>COLOR RENDERING INDEX (CRI):</b> >83
<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
- 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
- Instant startup

- Frosted lens eliminates pixelation
- 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)
- Lamp is dimmable when used with an appropriate dimming accessory (purchased separately). Contact Keystone for more details to find out what is best for the intended application

### OPERATING SPECIFICATIONS

#### ELECTRICAL CHARACTERISTICS

Input Voltage	Power Consumption	Power Factor	Input Current
120-277Vac	10.5W	>0.9	0.094A @ 120V 0.040A @ 277V

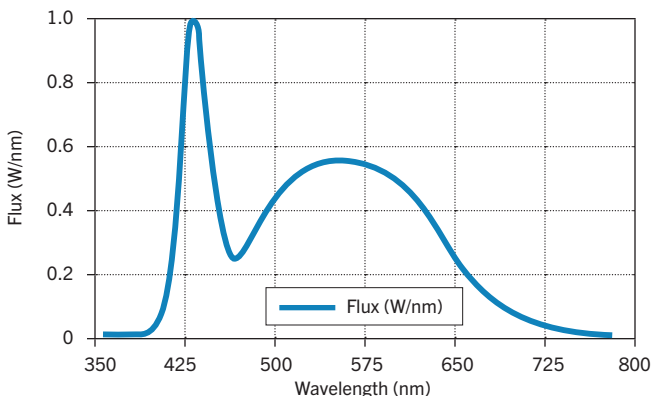
#### PHOTOMETRIC CHARACTERISTICS

Color Temperature (CCT)	5000K
Luminous Flux	1750 lm
Color Rendering Index (CRI)	>83
Efficacy	162 lm/W
Beam Angle	240°
Visible Light Area	325°

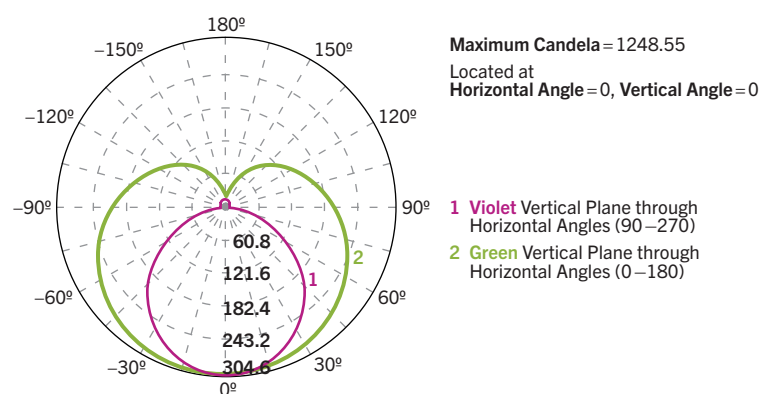
#### RATED LIFE

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



#### POLAR CANDELA DISTRIBUTION

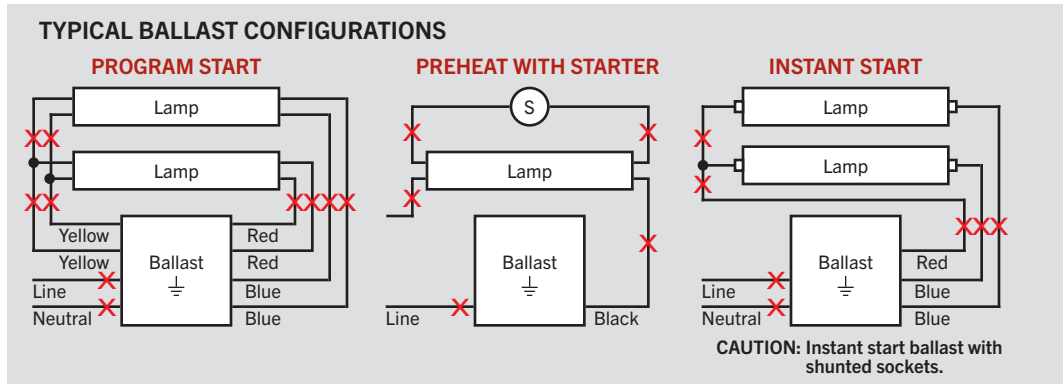


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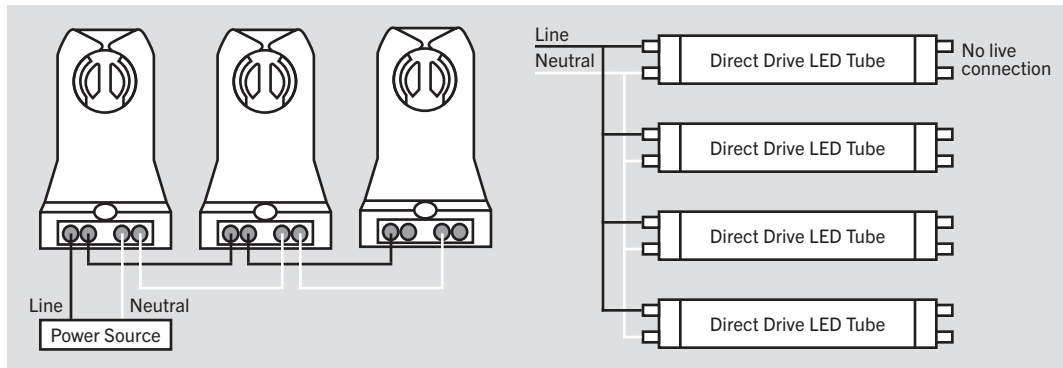
## T8 LED LAMP

### WIRING DIAGRAMS

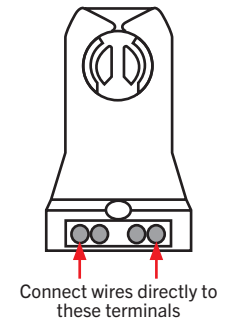
1. Cut all existing connections to ballast as shown below and remove ballast.



2. Re-wire fixture as shown below.



### TYPICAL NON-SHUNTED LAMPHOLDER



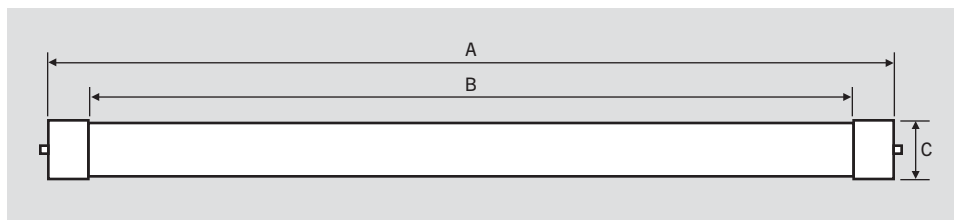
### CAUTION: USE ONLY NON-SHUNTED LAMPHOLDERS.

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

A (Illuminated Length)	44.38"
B (Body Length)	47.15"
C (Diameter)	1.10"

**NOMINAL LENGTH: 48"**

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



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### ORDERING INFORMATION

ORDER CODE	PACK QTY.	UPC	EASY CODE	DLC PRODUCT ID
KT-LED10.5T8-48GC-850-D-CP	25	TBD	TBD	PL14MZXMSM5

### CATALOG NUMBER BREAKDOWN

# KT-LED10.5T8-48GC-850-D-CP

1 2 3 4 5 6 7 8 9 10

- 1 Keystone Technologies
- 2 LED Lamp
- 3 Wattage
- 4 Lamp Type
- 5 Nominal Length (Inches)
- 6 Shatterproof Coated Glass
- 7 800 Series
- 8 Color Temperature
- 9 Direct-Drive Series
- 10 Packaging Style