



# KT-LED13.5T8-48GC-8XX-S /G3

## T8 LED LAMP

### DESCRIPTION

13.5W T8 LED | 3000-5000K | > 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> 13.5W
<b>COLOR TEMPERATURE:</b> 3000-5000K
<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
- **Dimmable via dimmable ballasts**
- Not compatible with fluorescent emergency ballasts; Keystone K1 kits are recommended for emergency applications
- Direct replacement for the following fluorescent lamps: F32T8/32W, F32T8/30W, F32T8/28W, F32T8/25W
- Instant startup
- Frosted lens eliminates pixelation
- Improved lamp durability with shatterproof coated glass, designed to pass drop tests of 6' on hard surface
- Environmentally friendly: No mercury used
- Operating temperature: -20°C/-4°F to 45°C/113°F
- 130+ lumens per watt (bare lamp efficacy)
- 50,000+ hour lifetime
- Suitable for dry and damp locations
- UL Listed; Listed on DLC Qualified Product List
- NSF Listed: NSF/ANSI Standard 2—Food equipment, splash zone (not for direct food zone without additional fixture considerations)

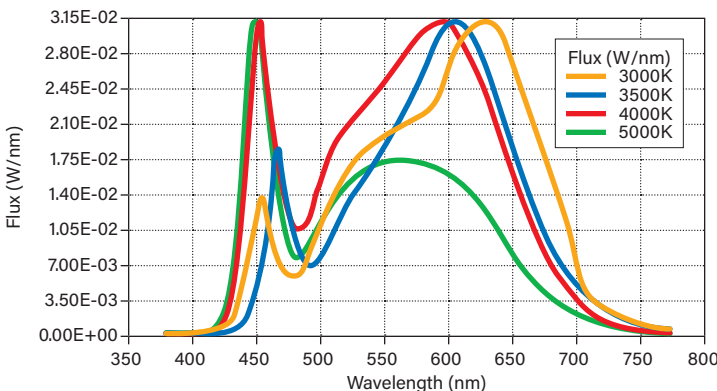
### ELECTRICAL AND PERFORMANCE SPECIFICATIONS

Catalog Number	Nom. Length	Input Voltage	Bare Lamp Wattage	Color Temp.	Nom. Lamp Lumens	System Wattage*		Initial Lumens*		Efficacy		CRI	Beam Angle	Power Factor	Max. THD
						0.78BF	0.88BF	0.78BF	0.88BF	System	Nom. Bare Lamp				
KT-LED13.5T8-48GC-830-S /G3	48"	Ballast dependent	14W	3000K	2100	14W	16W	1820	2100	130 lm/W	150 lm/W	>80	180°	>0.9	20%
KT-LED13.5T8-48GC-835-S /G3				3500K	2100	14W	16W	1820	2100	130 lm/W	150 lm/W				
KT-LED13.5T8-48GC-840-S /G3				4000K	2200	14W	16W	1920	2200	135 lm/W	157 lm/W				
KT-LED13.5T8-48GC-850-S /G3				5000K	2200	14W	16W	1920	2200	135 lm/W	157 lm/W				

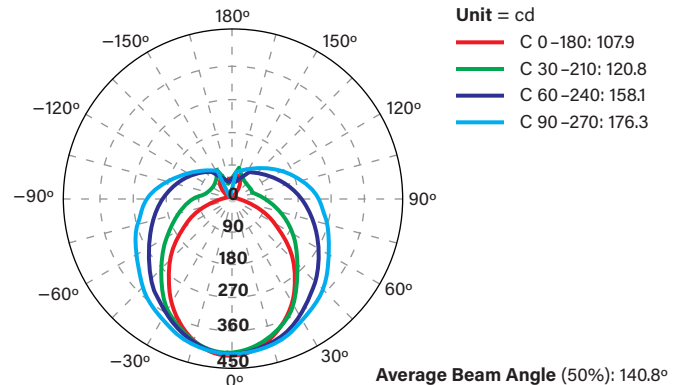
\*Nominal values. Actual values may vary depending on electronic ballast used.

### PHOTOMETRIC CHARACTERISTICS

#### SPECTRAL DISTRIBUTION



#### POLAR CANDELA DISTRIBUTION





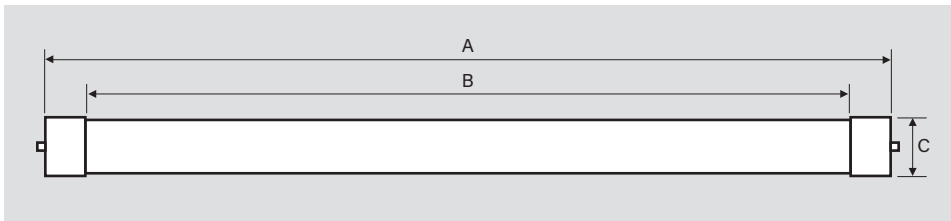
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### WIRING

**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 compatibility questions, please contact Keystone.

### PHYSICAL CHARACTERISTICS



#### LAMP DIMENSIONS

A (Body Length)	47.15"
B (Illuminated Length)	44.70"
C (Diameter)	1.00"

**NOMINAL LENGTH:** 48"

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

### ORDERING INFORMATION

ORDER CODE	CARTON QUANTITY	UPC	EASY CODE	DLC PRODUCT ID
KT-LED13.5T8-48GC-830-S /G3	25	843654136363	QXT-98	PLB3ZXVT84RC
KT-LED13.5T8-48GC-835-S /G3	25	843654136370	GDC-13	PLFW68MJ8HOX
KT-LED13.5T8-48GC-840-S /G3	25	843654136387	QGA-23	PLLCY92PJHQ
KT-LED13.5T8-48GC-850-S /G3	25	843654136394	UFX-47	PLVKG143BGRN

### CATALOG NUMBER BREAKDOWN

# KT-LED13.5T8-48GC-8XX-S /G3

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 Coated Glass
- 7 >80 CRI
- 8 Color Temperature
- 9 Smart Drive Series
- 10 3rd Generation