



# KT-LED18T8-48P-840-S

## T8 LED LAMP

### DESCRIPTION

18W 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> 18W
<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 55°C/131°F
- 100+ Lumens per Watt (Bare Lamp Efficacy)
- Suitable for Dry and Damp Locations

### OPERATING SPECIFICATIONS

#### ELECTRICAL AND PERFORMANCE CHARACTERISTICS

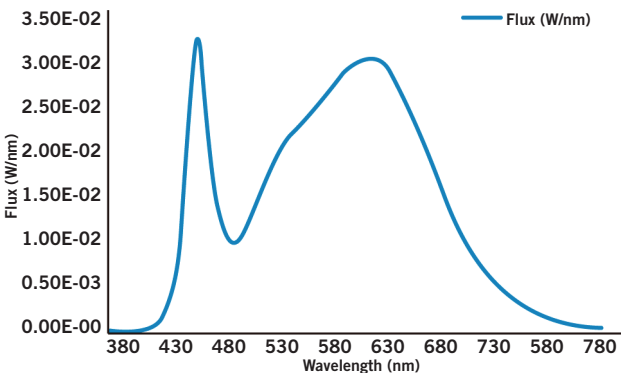
Input Voltage	CRI	Bare Lamp Wattage	Nominal Lamp Lumens	System Wattage*			Initial Lumens*			Beam Angle	Nominal Bare Lamp Efficacy	Power Factor	Max. THD
				0.78BF	0.88BF	1.18BF	0.78BF	0.88BF	1.18BF				
Ballast Dependent	>80	18W	2000 lm	23W	25W	34W	1900 lm	2050 lm	2850 lm	120°	111 lm/W	>0.9	20%

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

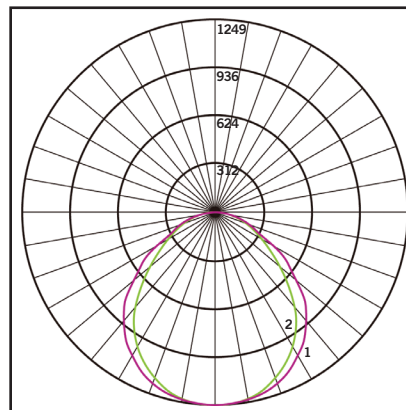
#### RATED LIFE

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



**SMARTDRIVE LED**  
PLUG & PLAY WITH BALLAST

# KT-LED18T8-48P-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)	45.70"
	B (Body Length)	47.15"
	C (Cross Section: Width x Height)	1.08" x 1.25"

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

### ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED18T8-48P-840-S-CP	Carton Pack (Egg Crate Packaging)	20	Quick Ship
KT-LED18T8-48P-840-S-DP	Distributor Pack (Individual Cartons)	20	Quick Ship

### CATALOG NUMBER BREAKDOWN

# KT-LED18T8-48P-840-S-CP

Keystone Technologies	LED Lamp	Wattage	Lamp Type	Nominal Length (Inches)	Plastic/ Alum. Case	800 Series	Color Temp.	Smart Drive Series	Packaging Style
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