

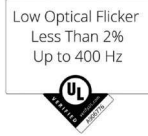


# KT-LED7T8-24GC-8XX-D

## T8 LED LAMP

### DESCRIPTION

7W T8 LED | 3000–6500K | >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> 7W
<b>COLOR TEMPERATURE:</b> 3000–5000K
<b>COLOR RENDERING INDEX (CRI):</b> >83
<b>WARRANTY:</b> 5 Years



### PRODUCT FEATURES

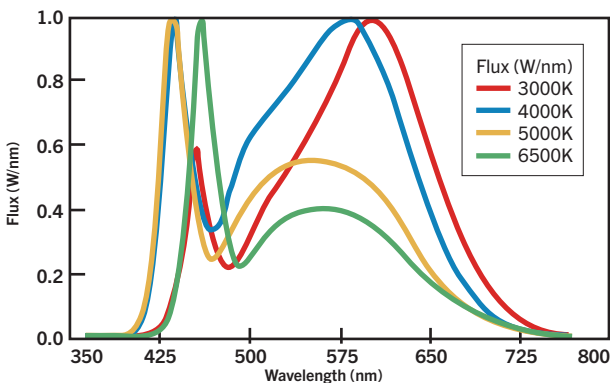
- Replacement for Conventional Fluorescent Lamp
- 50,000+ Hour Lifetime
- Environmentally Friendly: No Mercury Used
- Instant Startup
- Frosted Lens Eliminates Pixelation
- UL Classified; Listed on DLC Qualified Product List
- Operating Temperature: -20°C/-4°F to 45°C/113°F
- UL Flicker Free Design from date code 1909K
- Integral Driver (Isolated), Eliminates the Need for External Driver or Ballast

- 110+ 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)
- 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.

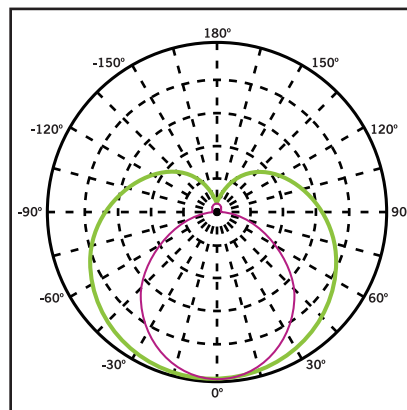
### ELECTRICAL AND PERFORMANCE SPECIFICATIONS

Catalog Number	Input Voltage	Power Consumption	Color Temperature (CCT)	Luminous Flux	Efficacy	Beam Angle	Visible Light Area	Power Factor	Input Current	Rated Life
KT-LED7T8-24GC-830-D	120–277 Vac	7W	3000K	850 lm	121 lm/W	240°	325°	>0.9	0.06A @ 120V 0.03A @ 277V	L70 (Hours) 50,000
KT-LED7T8-24GC-835-D			3500K	850 lm	121 lm/W					
KT-LED7T8-24GC-840-D			4000K	900 lm	129 lm/W					
KT-LED7T8-24GC-850-D			5000K	950 lm	136 lm/W					
KT-LED7T8-24GC-865-D			6500K	950 lm	136 lm/W					

### 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)

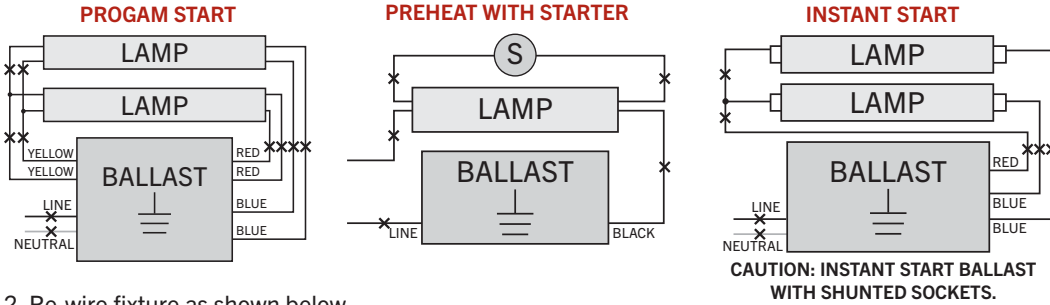
# KT-LED7T8-24GC-8XX-D

## T8 LED LAMP

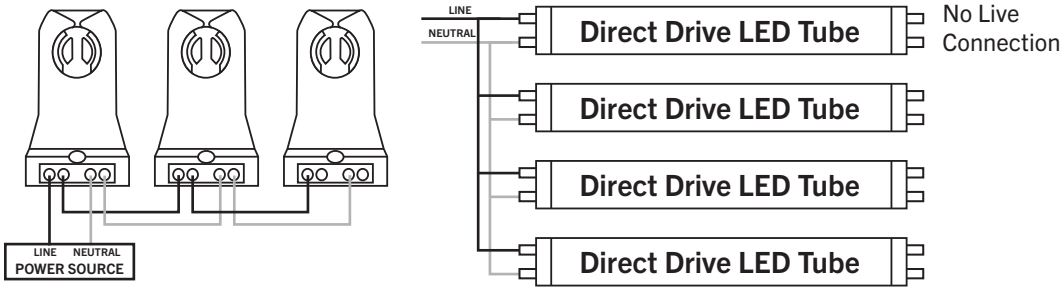
### WIRING DIAGRAMS

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

#### Typical Ballast Configurations:



2. Re-wire fixture as shown below.



**Typical Non-Shunted Lampholder**

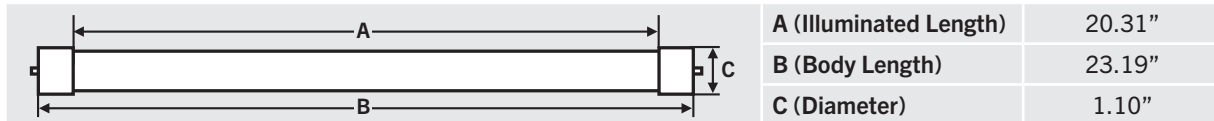
Connect wires directly to these terminals

**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.

### PHYSICAL CHARACTERISTICS

#### LAMP DIMENSIONS



NOMINAL LENGTH: 24"    BASE TYPE: G13 (Medium Bi-Pin)

### ORDERING INFORMATION

ORDER CODE	PACK QTY.	EASY CODE	UPC
KT-LED7T8-24GC-830-D-CP	25	FZP-61	89094901318
KT-LED7T8-24GC-835-D-CP	25	ONQ-10	89094901319
KT-LED7T8-24GC-840-D-CP	25	MPY-46	89094901320
KT-LED7T8-24GC-850-D-CP	25	HYO-84	89094901321
KT-LED7T8-24GC-865-D-CP	25	FZP-61	89094901318

### CATALOG NUMBER BREAKDOWN

# KT-LED7T8-24GC-8XX-D-CP

- |                                |                                     |                              |                           |
|--------------------------------|-------------------------------------|------------------------------|---------------------------|
| <b>1</b> Keystone Technologies | <b>4</b> Lamp Type                  | <b>7</b> 80 CRI              | <b>10</b> Packaging Style |
| <b>2</b> LED Lamp              | <b>5</b> Nominal Length (Inches)    | <b>8</b> Color Temperature   |                           |
| <b>3</b> Wattage               | <b>6</b> Shatter-Proof Coated Glass | <b>9</b> Direct Drive Series |                           |