



# DIRECT DRIVE LED

LINE VOLTAGE T5 TUBES

## KT-LED25T5HO-48GC-8XX-D/G2

T5 LED LAMP

### DESCRIPTION

25W T5 LED | 3000–5000K | >80 CRI | High-Output | 120–277V Input



<b>LAMP TYPE:</b> Linear
<b>BULB TYPE:</b> T5 LED
<b>BASE TYPE:</b> G5 (Miniature Bi-Pin)
<b>WATTAGE:</b> 25W
<b>COLOR TEMPERATURE:</b> 3000–5000K
<b>COLOR RENDERING INDEX (CRI):</b> >80
<b>WARRANTY:</b> 5 Years



### PRODUCT FEATURES

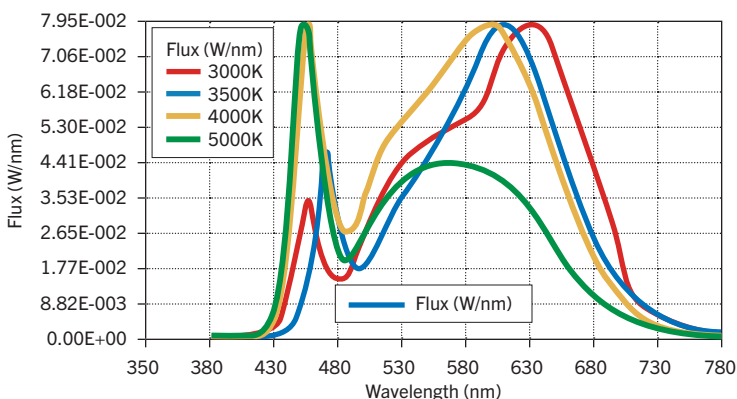
- Replacement for conventional fluorescent lamp
- 50,000+ hour lifetime
- Environmentally friendly: No mercury used
- Instant startup
- Direct replacement for F54T5/HO fluorescent lamp
- Frosted lens eliminates pixelation
- Listed on DLC QPL
- UL Classified
- Operating temperature:  $-20^{\circ}\text{C}/-4^{\circ}\text{F}$  to  $45^{\circ}\text{C}/113^{\circ}\text{F}$
- Integral driver (isolated) eliminates the need for external driver or ballast
- 120+ Lumens per Watt
- Improved lamp durability with shatterproof coated glass
- ETL Sanitation listed NSF/ANSI Standard 2—Food Equipment
- Suitable for use in typical vapor-tight fixtures up to  $35^{\circ}\text{C}/95^{\circ}\text{F}$  ambient
- 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

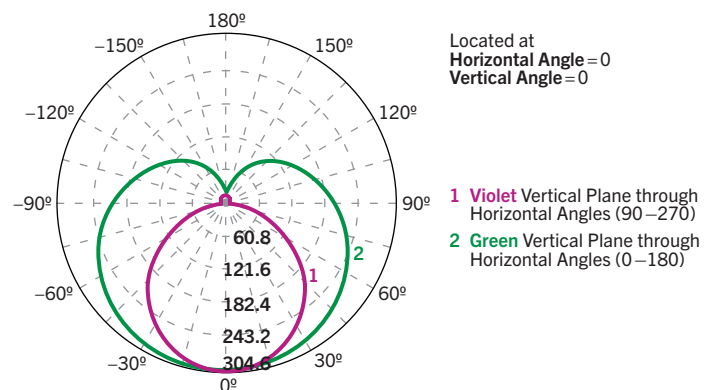
Catalog Number	Input Voltage	Power Consumption	Color Temperature (CCT)	Luminous Flux	Efficacy	Beam Angle	Visible Light Area	Power Factor	Input Current	Rated Life
KT-LED25T5HO-48GC-830-D_G2	120–277 Vac	25W	3000K	3200 lm	128 lm/W	240°	325°	>0.9	0.21A @ 120V 0.09A @ 277V	L70 (Hours) 50,000
KT-LED25T5HO-48GC-835-D_G2			3500K	3250 lm	130 lm/W					
KT-LED25T5HO-48GC-840-D_G2			4000K	3300 lm	132 lm/W					
KT-LED25T5HO-48GC-850-D_G2			5000K	3400 lm	136 lm/W					

### PHOTOMETRIC SPECIFICATIONS

#### SPECTRAL DISTRIBUTION



#### POLAR CANDELA DISTRIBUTION

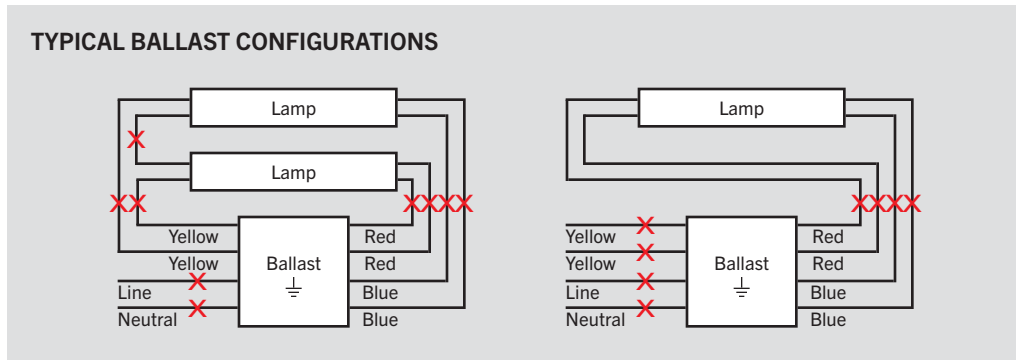


# KT-LED25T5HO-48GC-8XX-D/G2

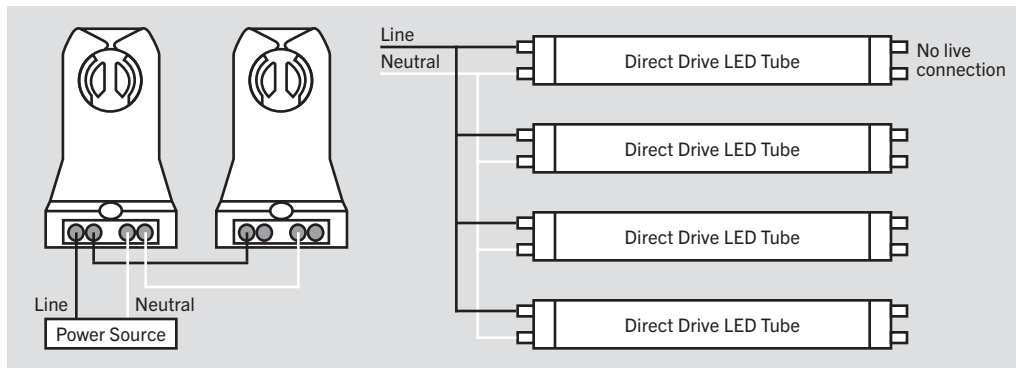
## T5 LED LAMP

### WIRING DIAGRAM

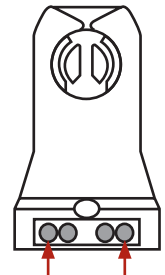
1. Cut all existing connections to ballast as shown below and remove ballast.



2. Rewire fixture as shown below.



### TYPICAL NON-SHUNTED LAMPHOLDER



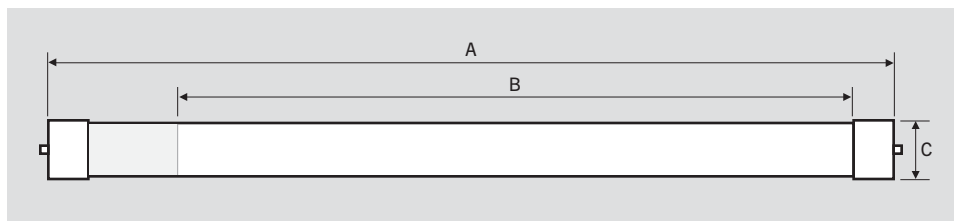
Connect wires directly to these terminals

**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 SPECIFICATIONS



### LAMP DIMENSIONS

A (Body Length)	45.19"
B (Illuminated Length)	40.56"
C (Diameter)*	0.82"

**NOMINAL LENGTH: 48"**

**BASE TYPE: G5 (Miniature Bi-Pin)**

\*Though nominally referred to as a T5, this lamp has a T6 diameter.



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## T5 LED LAMP

### ORDERING INFORMATION

ORDER CODE	PACK QTY.	EASY CODE	UPC
KT-LED25T5HO-48GC-830-D/G2	25	AQE-90	89094901641
KT-LED25T5HO-48GC-835-D/G2	25	DIY-87	89094901642
KT-LED25T5HO-48GC-840-D/G2	25	FVJ-62	89094901643
KT-LED25T5HO-48GC-850-D/G2	25	WTF-90	89094901644

### CATALOG NUMBER BREAKDOWN

# KT-LED25T5HO-48GC-830-D/G2

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 Shatter-Proof Coated Glass
- 7 80 CRI
- 8 Color Temperature
- 9 Direct Drive Series
- 10 2nd Generation