

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

T5 LED LAMP

DESCRIPTION

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



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



PRODUCT FEATURES

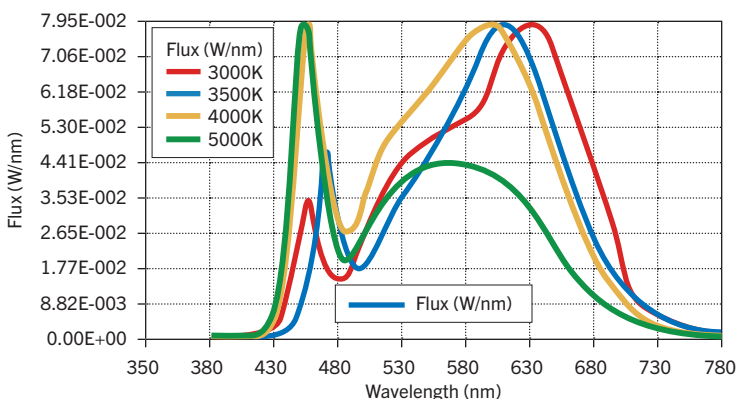
- Replacement for conventional fluorescent lamp
- 50,000+ hour lifetime
- Environmentally friendly: No mercury used
- Instant startup
- Direct replacement for F54T5/HO fluorescent lamp
- Frosted lens eliminates pixelation
- Listed on DLC QPL
- UL Classified
- Operating temperature: $-20^{\circ}\text{C}/-4^{\circ}\text{F}$ 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

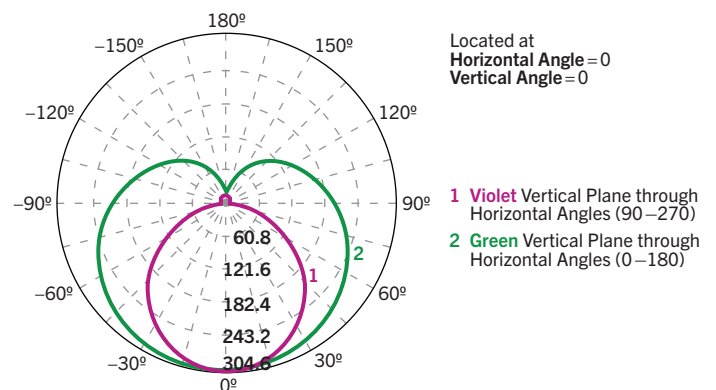
Catalog Number	Input Voltage	Power Consumption	Color Temperature (CCT)	Luminous Flux	Efficacy	Beam Angle	Visible Light Area	Power Factor	Input Current	Rated Life
KT-LED25T5HO-48GC-830-D_G2	120–277 Vac	25W	3000K	3200 lm	128 lm/W	240°	325°	>0.9	0.21A @ 120V 0.09A @ 277V	L70 (Hours) 50,000
KT-LED25T5HO-48GC-835-D_G2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



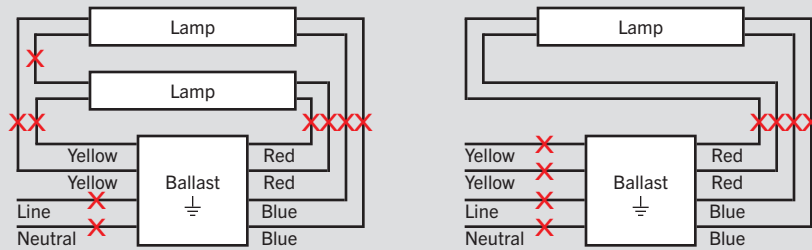
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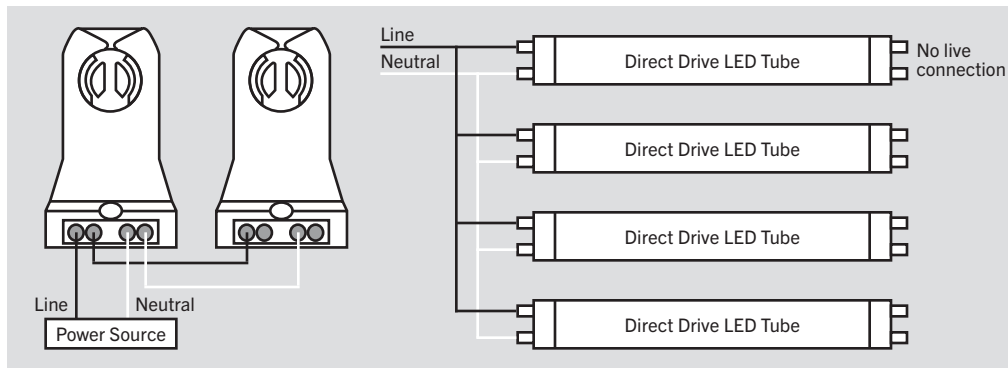
WIRING DIAGRAM

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

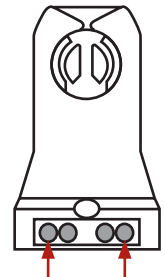
TYPICAL BALLAST CONFIGURATIONS



2. Rewire fixture as shown below.



TYPICAL NON-SHUNTED LAMPHOLDER

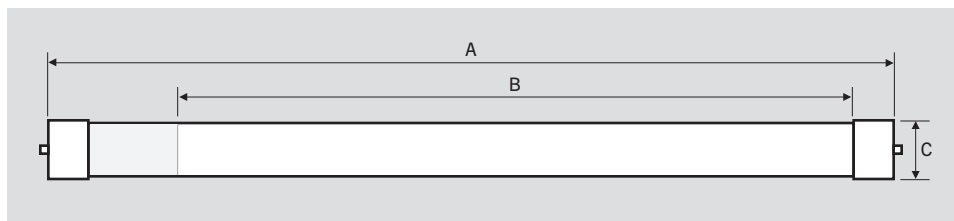


Connect wires directly to these terminals

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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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