

KT-LED14.5T8-48GC-8XX-D-FDIM

T8 LED LAMP

DESCRIPTION

14.5W T8 LED | 3000-5000K | >83 CRI | High Efficiency



10 YEAR
LIMITED WARRANTY

LAMP TYPE: Linear

BULB TYPE: T8 LED

BASE TYPE: G13 (Medium Bi-Pin)

WATTAGE: 14.5W

COLOR TEMPERATURE: 3000-5000K

COLOR RENDERING INDEX (CRI): >83

WARRANTY: 10 Years



PRODUCT FEATURES

▪ Dimmable via TRIAC Dimmers (Forward Phase Control)

- Replacement for Conventional Fluorescent Lamp
- 50,000+ Hour Lifetime
- Approx. 40% More Energy Efficient than Standard F32T8 Lamps
- Environmentally Friendly: No Mercury Used
- Instant Startup
- Frosted Lens Eliminates Pixelation
- UL Classified ; Listed on DLC QPL
- Operating Temperature: -20°C/-4°F to 45°C/113°F
- Integral Driver (Isolated), Eliminates the Need for External Driver or Ballast

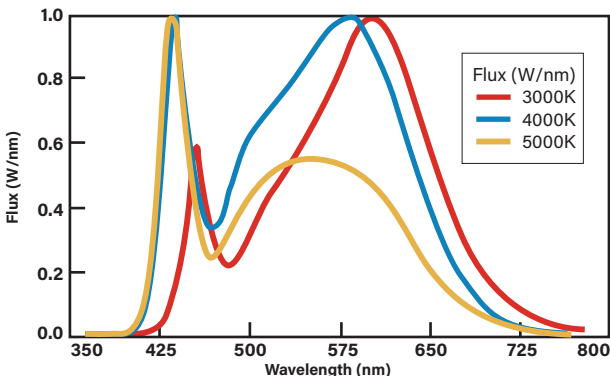
- 120+ Lumens per Watt
- Improved Lamp Durability with Shatterproof Coated Glass, designed to pass drop tests of 6' on hard surface
- ETL Sanitation Listed NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Not for Direct Food Zone without additional fixture considerations)
- Lamp is dimmable when used 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

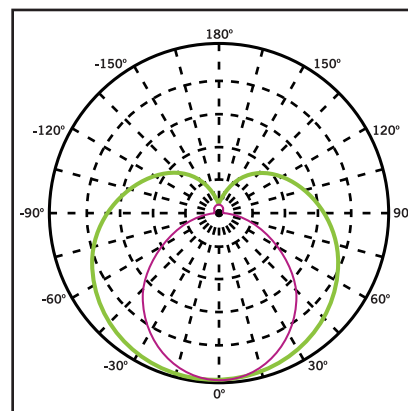
Catalog Number	Input Voltage	Power Consumption	Color Temperature (CCT)	Luminous Flux	Efficacy	Beam Angle	Visible Light Area	Power Factor	Input Current	Rated Life
KT-LED14.5T8-48GC-830-D-FDIM	120V	14.5W	3000K	1800 lm	124 lm/W	240°	325°	>0.9	0.12A @ 120V	L70 (Hours) 50,000
KT-LED14.5T8-48GC-835-D-FDIM			3500K	1800 lm	124 lm/W					
KT-LED14.5T8-48GC-840-D-FDIM			4000K	1900 lm	131 lm/W					
KT-LED14.5T8-48GC-850-D-FDIM			5000K	1900 lm	131 lm/W					

PHOTOMETRIC SPECIFICATIONS

SPECTRAL DISTRIBUTION



POLAR CANDELA DISTRIBUTION



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)

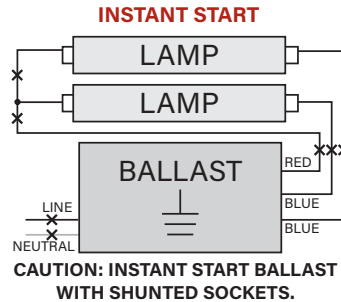
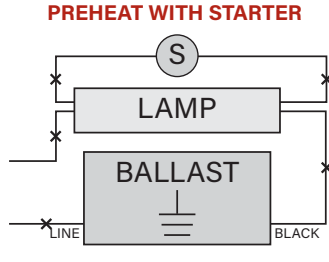
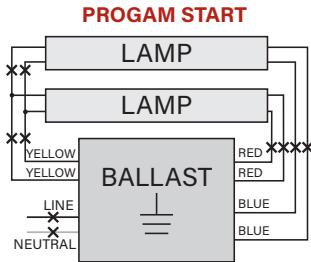
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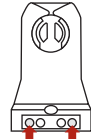
WIRING DIAGRAMS

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

Typical Ballast Configurations:



Typical Non-Shunted Lampholder



Connect wires directly to these terminals

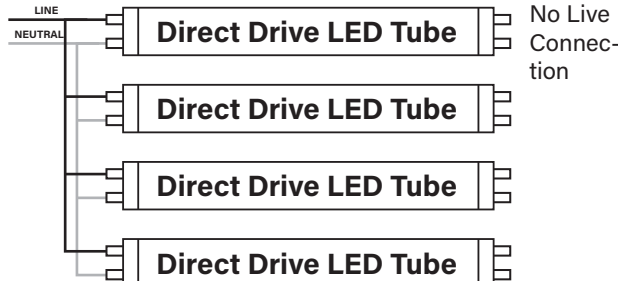
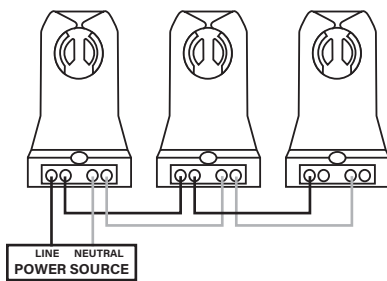
CAUTION:

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.

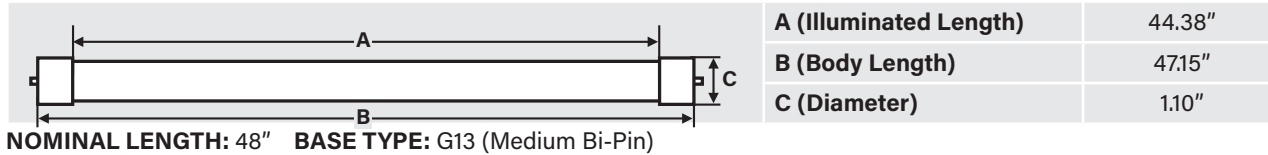
Keystone can provide any style replacement lampholders. Call us at 800-464-2680.

2. Re-wire fixture as shown below.



PHYSICAL SPECIFICATIONS

LAMP DIMENSIONS



ORDERING INFORMATION

Order Code	Pack Qty	UPC	Easy Code	DLC PRODUCT ID
KT-LED14.5T8-48GC-830-D-FDIM	25	843654113203	TBD	PLD2OC0UHAN8
KT-LED14.5T8-48GC-835-D-FDIM	25	843654113210	IQW-53	P5B4KR3N
KT-LED14.5T8-48GC-840-D-FDIM	25	843654113227	DGD-68	PLV2EJZA3H5D
KT-LED14.5T8-48GC-850-D-FDIM	25	843654113234	RVM-94	PFPPNB5W

CATALOG NUMBER BREAKDOWN

KT-LED14.5T8-48GC-8XX-D-FDIM

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 Forward Phase Dimming