



KT-LED10.5T8-48G-8XX-D

T8 LED LAMP

DESCRIPTION

10.5W T8 LED | 3000-6500K | >83 CRI | High Efficiency



LAMP TYPE: Linear
BULB TYPE: T8 LED
BASE TYPE: G13 (Medium Bi-Pin)
WATTAGE: 10.5W
COLOR TEMPERATURE: 3000-6500K
COLOR RENDERING INDEX (CRI): >83
WARRANTY: 5 Years



PRODUCT FEATURES

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

PERFORMANCE SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Input Voltage	Power Consumption	Power Factor	Input Current
120-277Vac	10.5W	>0.9	.094A @ 120V .040A @ 277V

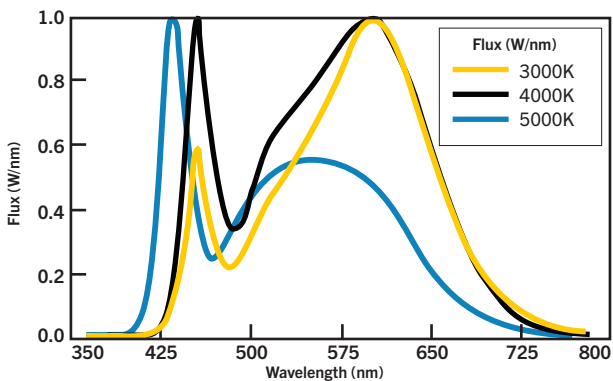
RATED LIFE

L70 (Hours)	50,000
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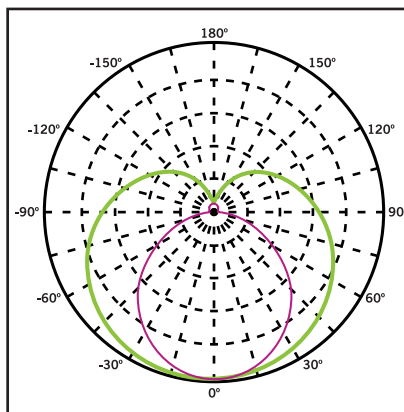
PHOTOMETRIC CHARACTERISTICS

Catalog Number	Color Temperature	Lumens	CRI	Efficacy	Beam Angle	Visible Light Area
KT-LED10.5T8-48G-830-D	3000K	1,650	>83	152 lm/W	240°	325°
KT-LED10.5T8-48G-835-D	3500K	1,700	>83	156 lm/W	240°	325°
KT-LED10.5T8-48G-840-D	4000K	1,730	>83	160 lm/W	240°	325°
KT-LED10.5T8-48G-850-D	5000K	1,750	>83	162 lm/W	240°	325°
KT-LED10.5T8-48G-865-D	6500K	TBD	>83	TBD lm/W	240°	325°

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)



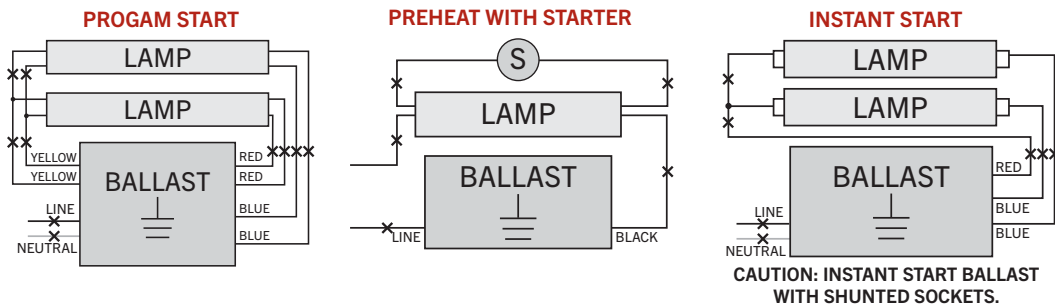
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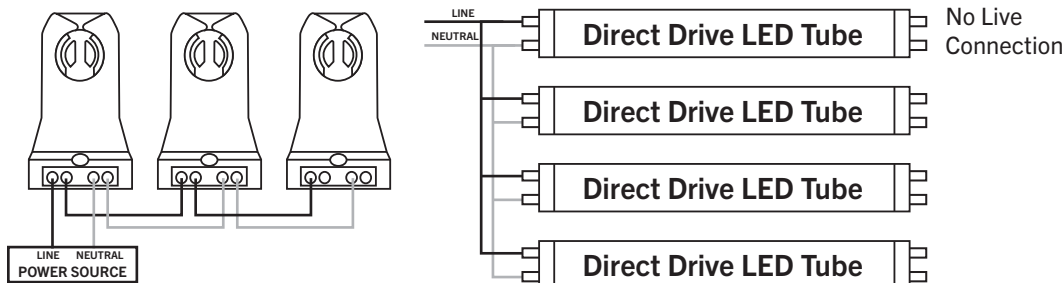
WIRING DIAGRAMS

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

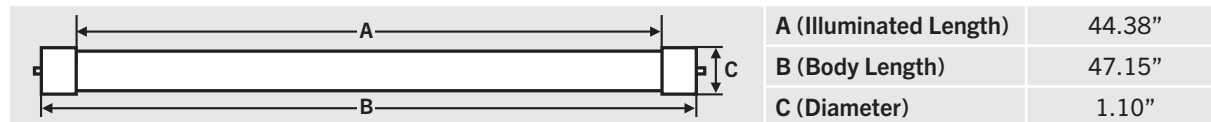
Connect wires directly to these terminals

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

ORDERING INFORMATION

Order Code	Caton Quantity	UPC	Easy Code	DLC PRODUCT ID
KT-LED10.5T8-48G-830-D	25	TBD	TBD	PLPBAEF4LYH6
KT-LED10.5T8-48G-835-D	25	890949018453	NFX-16	PLZ9JT41JQDE
KT-LED10.5T8-48G-840-D	25	890949018460	QPV-64	PLJQREE0QJIS
KT-LED10.5T8-48G-850-D	25	890949018477	ABM-81	PLEQJ690TE85
KT-LED10.5T8-48G-865-D	25	TBD	TBD	PLK6S9QJ4FQW



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CATALOG NUMBER BREAKDOWN

KT-LED10.5T8-48G-8XX-D

1 2 3 4 5 6 7 8 9

- 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