KEYSTONE SINCE 1945 | DIRECTDRIVE LED
LINE VOLTAGE T8 TUBES

KT-LED15T8-U1G-8XX-D
T8 LED LAMP

DESCRIPTION

15W T8 U-Bend LED | 3000–5000K | >80 CRI | High Efficiency

10 YEAR LIMITED WARRANTY

LAMP TYPE: U-Bend
BULB TYPE: T8 LED
BASE TYPE: G13 (Medium Bi-Pin)
WATTAGE: 15W
COLOR TEMPERATURE: 3000–5000K
COLOR RENDERING INDEX (CRI): >80
WARRANTY: 10 Years



PRODUCT FEATURES

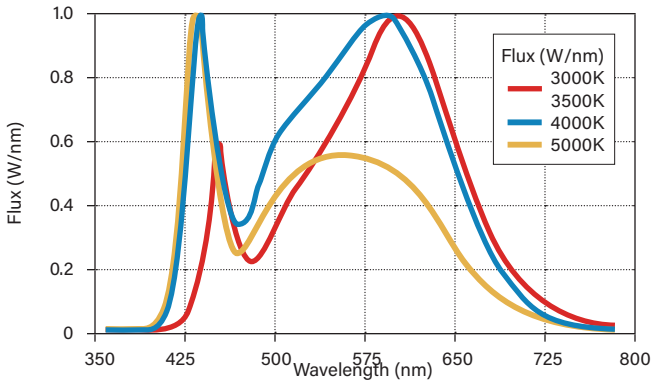
- Replacement for conventional fluorescent lamp
- UL Classified
- 50,000+ hour lifetime
- Approximately 40% more energy efficient than standard U-Bend fluorescent lamps
- Environmentally friendly: No mercury used
- Integral driver (isolated) eliminates the need for an external ballast or driver
- Instant startup
- Frosted lens eliminates pixelation
- Operating temperature: –20ºC/ – 4ºF to 45ºC/113ºF
- Bare lamp efficacy: 110+ lumens per watt
- Suitable for dry and damp locations
- 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.
- Not for use in sealed / vapor tight fixtures

ELECTRICAL AND PERFORMANCE SPECIFICATIONS

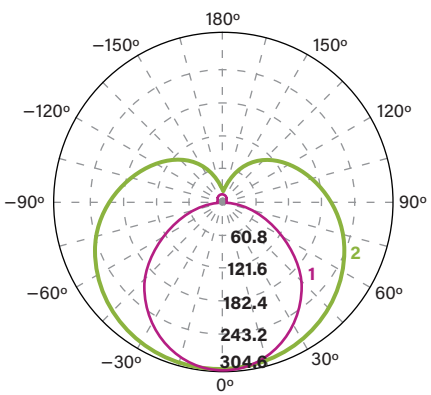
Catalog Number	Input Voltage	Power Consumption	Color Temperature (CCT)	Nominal Lamp Lumens	Efficacy	Beam Angle	Power Factor	Max. THD	Rated Life
KT-LED15T8-U1G-830-D	120–277 Vac	15W	3000K	1,800	120 lm/W	240º	>0.9	25%	L70 (Hours) 50,000
KT-LED15T8-U1G-835-D			3500K	1,800	120 lm/W				
KT-LED15T8-U1G-840-D			4000K	1,780	118 lm/W				
KT-LED15T8-U1G-850-D			5000K	1,800	120 lm/W				

PHOTOMETRIC SPECIFICATIONS

SPECTRAL DISTRIBUTION



POLAR CANDELA DISTRIBUTION



Maximum Candela = 1248.55
Located at **Horizontal Angle** = 0, **Vertical Angle** = 0

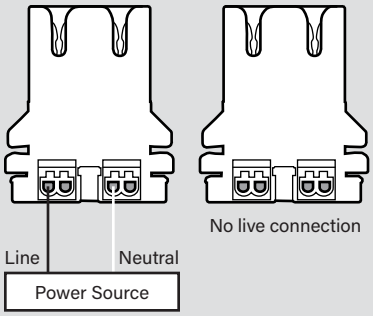
1 **Violet** Vertical Plane through Horizontal Angles (90–270)
2 **Green** Vertical Plane through Horizontal Angles (0–180)

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WIRING

Re-wire fixture as shown below.



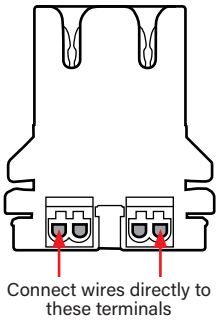
TYPICAL NON-SHUNTED LAMPHOLDER

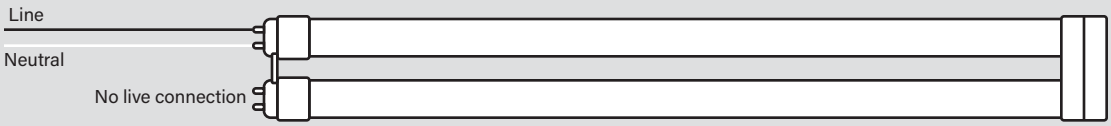
CAUTION: USE *ONLY* NON-SHUNTED LAMPHOLDERS.

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.

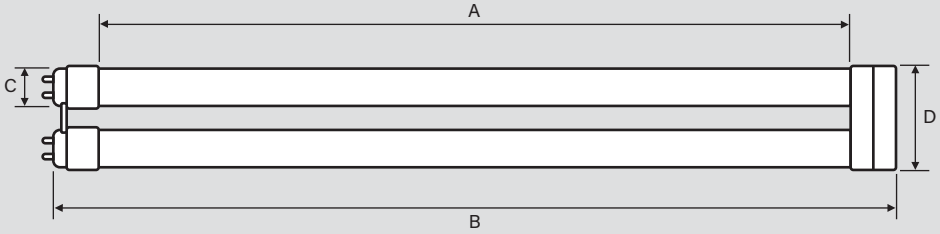
Keystone can provide any style replacement lampholders.

Call us at 800-464-2680.





PHYSICAL SPECIFICATIONS



LAMP DIMENSIONS

A (Illuminated Length)	20.30"
B (Body Length)	22.44"
C (Diameter)	1.09"
D (Width)	2.62"

NOMINAL LENGTH: 22.44"
BASE TYPE: G13 (Medium Bi-Pin)

ORDERING INFORMATION

ORDER CODE	PACK QTY.	UPC	EASY CODE	DLC PRODUCT ID
KT-LED15T8-U1G-830-D-CP	12	TBD	TBD	PLVGYHSYZ6CP
KT-LED15T8-U1G-835-D-CP	12	843654110974	JQX-40	PLJMXAYDGJ1G
KT-LED15T8-U1G-840-D-CP	12	843654110981	ESE-89	PLMOSY2B21S6
KT-LED15T8-U1G-850-D-CP	12	843654110998	RWR-98	PL9M6QUUK9NM

KT-LED15T8-U1G-8XX-D-CP

1 2 3 4 5 6 7 8 9 10

1 **Keystone Technologies**
2 **LED Lamp**
3 **Wattage**
4 **Lamp Type**
5 **Nominal Size**
6 **Glass**
7 **80 CRI**
8 **Color Temperature**
9 **Direct-Drive Series**
10 **Packaging Style**