SINCE 1945
KEYSTONE
LIGHT MADE EASY

DIRECTDRIVE LED
LINE VOLTAGE T8 TUBES

KT-LED18T8-U6GC-8XX-D

U-BEND T8 LED LAMP

DESCRIPTION

18W T8 U-Bend LED | 3000–5000K | >80 CRI | High Efficiency

RoHS Compliant

10 YEAR LIMITED WARRANTY

- **LAMP TYPE:** U-Bend
- **BULB TYPE:** T8 LED
- **BASE TYPE:** G13 (Medium Bi-Pin)
- **WATTAGE:** 18W
- **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 F32T8 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
- 110+ Lumens per Watt (Bare Lamp Efficacy)
- Suitable for Dry and Damp Locations
- Improved Lamp Durability with Shatterproof Coated Glass
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment
- 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

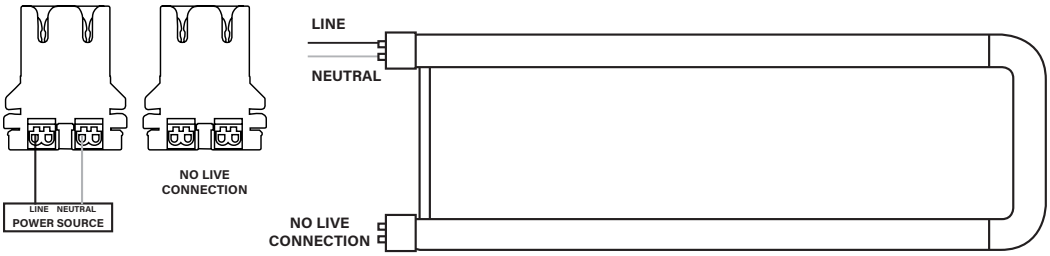
ELECTRICAL AND PERFORMANCE SPECIFICATIONS

Catalog Number	Input Voltage	CRI	Bare Lamp Wattage	Nominal Lamp Lumens	Beam Angle	Nominal Bare Lamp Efficacy	Power Factor	Max. THD
KT-LED18T8-U6GC-830-D	120-277V	>80	18W	2100	220º	116 lm/W	>0.9	20%
KT-LED18T8-U6GC-835-D				2100		116 lm/W		
KT-LED18T8-U6GC-840-D				2150		119 lm/W		
KT-LED18T8-U6GC-850-D				2200		122 lm/W		

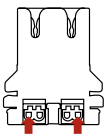
Rated Life	L70 (Hours) 50,000

WIRING

Re-wire fixture as show 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.

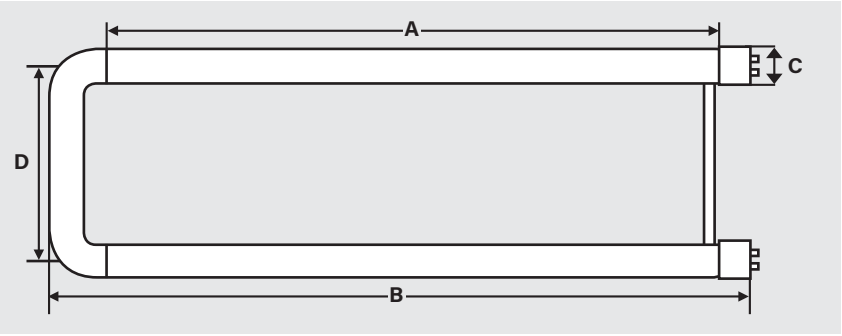
SINCE 1945
KEYSTONE
LIGHT MADE EASY

DIRECTDRIVE LED
LINE VOLTAGE T8 TUBES

KT-LED18T8-U6GC-8XX-D

U-BEND T8 LED LAMP

PHYSICAL SPECIFICATIONS



LAMP DIMENSIONS

A (Illuminated Length)	20.20″
B (Body Length)	22.25″
C (Diameter)	1.00″
D (Width)	6.00″
Nominal Length	6″ U-Bend
Base Type	G13 (Medium Bi-Pin)

ORDERING INFORMATION

ORDER CODE	PACK QTY.	UPC	EASY CODE	DLC PRODUCT ID
KT-LED18T8-U6GC-830-D	12	TBD	TBD	PLDL9X55THZP
KT-LED18T8-U6GC-835-D	12	89094901251	ASL-71	PLKKB3A306BY
KT-LED18T8-U6GC-840-D	12	89094901252	MTP-14	PLNI914P86DE
KT-LED18T8-U6GC-850-D	12	89094901253	VEK-19	PLTLUPBOPDAN

CATALOG NUMBER BREAKDOWN

KT-LED18T8-U6GC-8XX-D

1 2 3 4 5 6 7 8 9

1 Keystone Technologies
2 LED Lamp
3 Wattage
4 Lamp Type
5 Nominal Size
6 Shatterproof Coated Glass
7 80 CRI
8 Color Temperature
9 Direct Drive Series