KEYSTONE SINCE 1945

DIRECTDRIVE LED
LINE VOLTAGE TUBES

KT-LED24T8-60GC-850-D
T8 LED LAMP

DESCRIPTION

24W T8 LED | 5000K | >83 CRI | High Efficiency

RoHS Compliant

10 YEAR LIMITED WARRANTY

LAMP TYPE: Linear
BULB TYPE: T8 LED
BASE TYPE: G13 (Medium Bi-Pin)
WATTAGE: 24W
COLOR TEMPERATURE: 5000K
COLOR RENDERING INDEX (CRI): >83
WARRANTY: 10 Years



PRODUCT FEATURES

- Replacement for Conventional Fluorescent Lamp
- 50,000+ Hour Lifetime
- Approximately 40% More Energy Efficient that Standard F32T8 Lamps
- Environmentally Friendly: No Mercury Used
- Instant Startup
- Frosted Lens Eliminates Pixelation
- UL Classified
- Operating Temperature: -20ºC/-4ºF to 45ºC/113ºF
- Integral Driver (Isolated), Eliminates the Need for External Driver or Ballast
- 100+ 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)
- Not for use in sealed / vapor tight fixtures

OPERATING SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

Input Voltage	Power Consumption	Power Factor	Input Current
120-277Vac	24W	>0.9	0.20A @ 120V 0.08A @ 277V

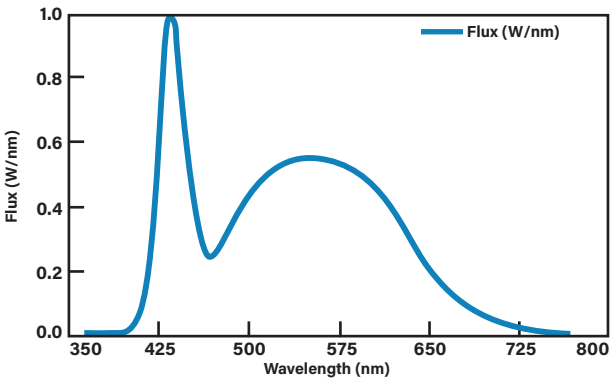
PHOTOMETRIC SPECIFICATIONS

Color Temperature (CCT)	5000K
Luminous Flux	2500 lm
Color Rendering Index (CRI)	>83
Efficacy	104 lm/W
Beam Angle	240º
Visible Light Area	325º

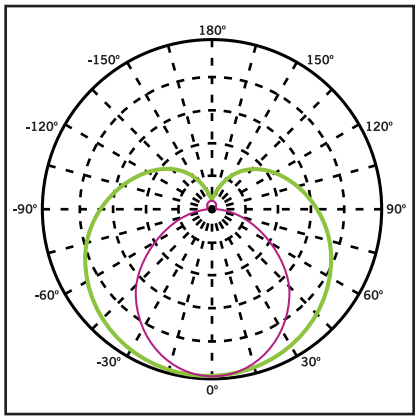
RATED LIFE

L70 (Hours)	50,000

SPECTRAL DISTRIBUTION



POLAR CANDELA DISTRIBUTION



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

Keystone Technologies ▪ 1390 Welsh Road, North Wales, PA 19454 ▪ Phone (800) 464-2680 ▪ Fax (888) 966-0556 ▪ **www.keystonetech.com**

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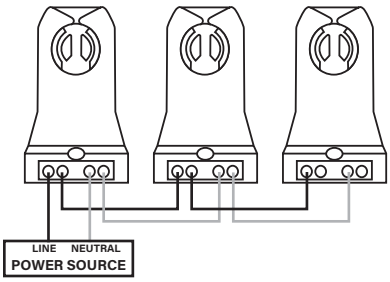
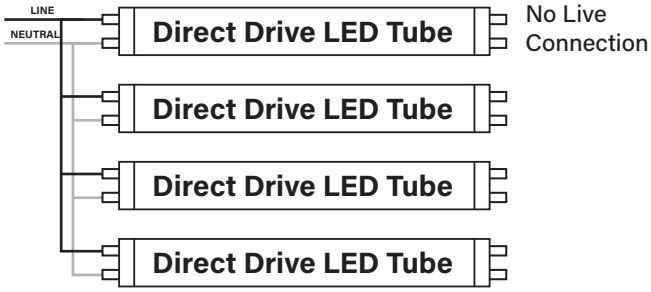
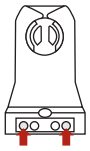
WIRING DIAGRAMS

1. Wire fixture as shown below.





Typical Non-Shunted Lampholder



Connect wires directly to these terminals

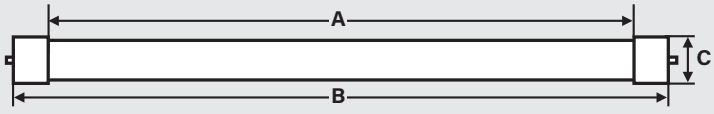
CAUTION: Use only non-shunted lampholders.

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 SPECIFICATIONS

LAMP DIMENSIONS



A (Illuminated Length)	55.13″
B (Body Length)	59″
C (Diameter)	1.10″

NOMINAL LENGTH: 60″ **BASE TYPE:** G13 (Medium Bi-Pin)

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED24T8-60GC-850-D-CP	Carton Pack (Egg Crate Packaging)	25	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-LED24T8-60GC-850-D-CP

KT	LED24T8	60	GC	850	D	CP
Keystone Technologies	LED Lamp	Wattage	Lamp Type	Nominal Length (Inches)	Shatter-Proof Coated Glass	80 CRI / Color Temp.	Direct Drive Series	Packaging Style