

KT-LED12.5T8-48GC-850-D

T8 LED LAMP

DESCRIPTION

12.5W T8 LED | 5000K | >83 CRI | High Efficiency

BULB TYPE: T8 LED

BASE TYPE: G13 (Medium Bi-Pin)

WATTAGE: ~12.5W

COLOR TEMPERATURE: 5000K

COLOR RENDERING INDEX (CRI): >83

WARRANTY: 5 Years

PRODUCT FEATURES

- Replacement for Conventional Fluorescent Lamp
- Listed on DLC Qualified Product List
- 50,000+ Hour Lifetime
- Approximately 50% More Energy Efficient that Standard F32T8 Lamps
- Environmentally Friendly: No Mercury Used
- Instant Startup
- Frosted Lens Eliminates Pixelation

OPERATING SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

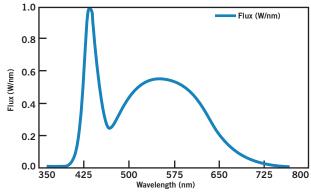
Input Voltage	Power Consumption	Power Factor	Input Current
120-277Vac	~12.5W	>0.9	0.12A @ 120V 0.05A @ 277V

RATED LIFE

L70 (Hours)

50,000

SPECTRAL DISTRIBUTION



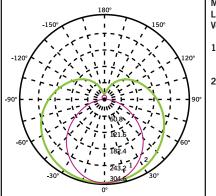
UL Classified Operating Temperature: -20°C/-4°F to 45°C/113°F

- Integral Driver (Isolated), Eliminates the Need
- for External Driver or Ballast
- 120+ Lumens per Watt
- Improved Lamp Durability with Shatterproof Coated Glass
- ETL Santiation Listed NSF/ANSI Standard 2 Food Equipment

PHOTOMETRIC CHARACTERISTICS

Color Temperature (CCT)	5000K	
Luminous Flux	1850 lm	
Color Rendering Index (CRI)	>83	
Efficacy	139 lm/W	
Beam Angle	240°	
Visible Light Area	325°	

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)







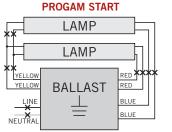


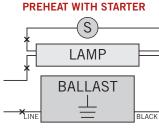
KT-LED12.5T8-48GC-850-D T8 LED LAMP

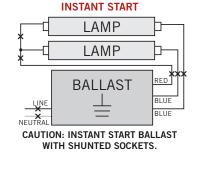
WIRING DIAGRAMS

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

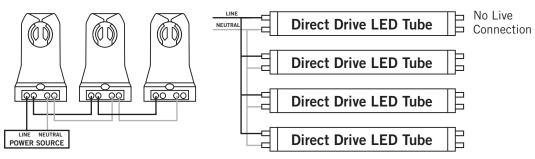
Typical Ballast Configurations:

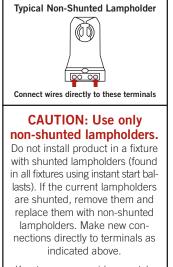






2. Re-wire fixture as shown below.





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

PHYSICAL CHARACTERISTICS

LAMP DIMENSIONS

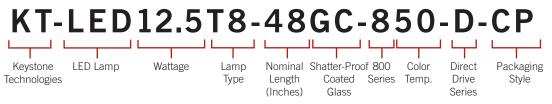
AA	→	A (Illuminated Length)	44.38"
4	⊃‡¢	B (Body Length)	47.15"
→ B		C (Diameter)	1.10"

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

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED12.5T8-48GC-850-D-CP	Carton Pack (Egg Crate Packaging)	25	Quick Ship

CATALOG NUMBER BREAKDOWN



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