



DIRECT DRIVE LED

LINE VOLTAGE TUBES

KT-LED43T8HO-96GC-840-D

T8 LED LAMP

DESCRIPTION

43W T8HO/T12HO LED | 4000K | >80 CRI | High Efficiency | 8 Foot



LAMP TYPE: Linear	COLOR TEMPERATURE: 4000K
BULB TYPE: T8HO/T12HO LED	COLOR RENDERING INDEX (CRI): >80
BASE TYPE: R17d (Recessed Double Contact)	WARRANTY: 5 Years
WATTAGE: 43W	

PRODUCT FEATURES

- Replacement for Conventional T8HO/T12HO 8 Foot Fluorescent Lamp
- Double Ended Line Voltage Wiring: Connect power to each end for simplified installation
- 50,000+ Hour Lifetime
- Approximately 50% More Energy Efficient than Standard F96T12HO Lamps
- Environmentally Friendly: No Mercury Used
- Instant Startup
- Includes 2 C-clips to be installed with the lamps into the fixture ballast cover to prevent any potential un-desired lamp twisting or sagging
- Frosted Lens Eliminates Pixelation
- UL Classified
- Operating Temperature: -20°C/-4°F to 55°C/131°F
- Integral Driver (Isolated), Eliminates the Need for External Driver or Ballast
- 120+ Lumens per Watt
- Improved Lamp Durability with Shatterproof Coated Glass, designed to pass drop tests of 6' on hard surface
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Not for Direct Food Zone without additional fixture considerations)

OPERATING SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Input Voltage	Power Consumption	Power Factor	Input Current
120-277Vac	43W	>0.9	0.36 @ 120V 0.16 @ 277V

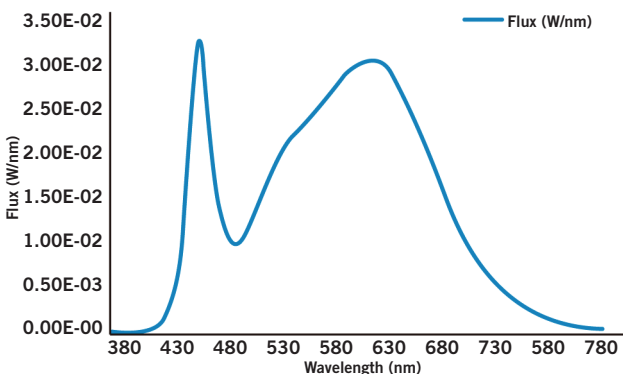
PHOTOMETRIC CHARACTERISTICS

Color Temperature	4000K
Luminous Flux	5500 lm
Color Rendering Index (CRI)	>80
Efficacy	128 lm/W
Beam Angle	325°

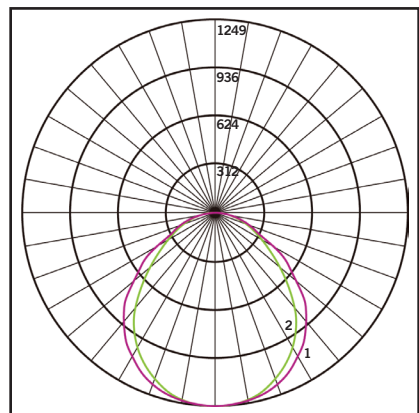
RATED LIFE

L70 (Hours)	50,000
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SPECTRAL DISTRIBUTION



POLAR CANDELA DISTRIBUTION



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

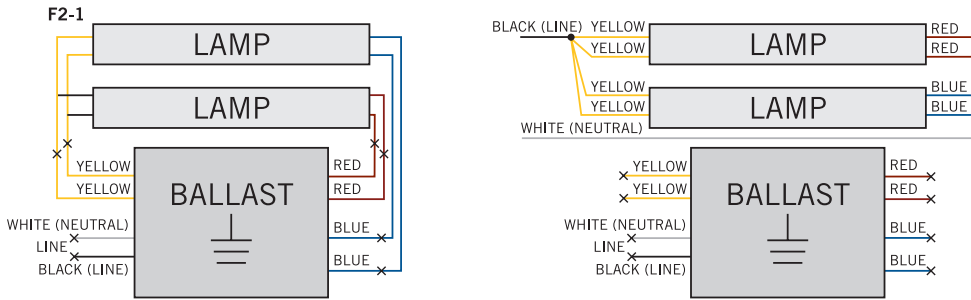
Double Ended Line Voltage Wiring



For Retrofit Applications (see below notes)

1. Identify ballast configuration as shown below and cut all wires connected to the ballast accordingly.

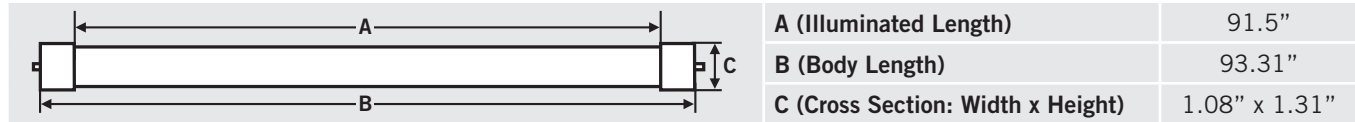
Typical Ballast Configurations:



2. Confirm that the lampholders in the fixture are R17d Double Recessed Contact lampholders. These DirectDrive LED tubes require R17d Double Recessed Contact lampholders.
3. Rewire the fixture using existing lampholders as shown above according to the original ballast wiring configuration.

PHYSICAL CHARACTERISTICS

LAMP DIMENSIONS



NOMINAL LENGTH: 96" **BASE TYPE:** R17d (Recessed Double Contact)

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED43T8HO-96GC-840-D-CP	Distributor Pack (Individual Cartons)	20	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-LED43T8HO-96GC-840-D-CP

