

KT-LED43T8-96G-8XX-D

T8 LED LAMP

DESCRIPTION

43W T8 LED | 3500K | >80 CRI | High Efficiency | 8 Foot



LAMP TYPE: Linear	COLOR TEMPERATURE: 3500K
BULB TYPE: T8 LED	COLOR RENDERING INDEX (CRI): >80
BASE TYPE: Fa8 (Single-Pin)	WARRANTY: 5 Years
WATTAGE: 43W	



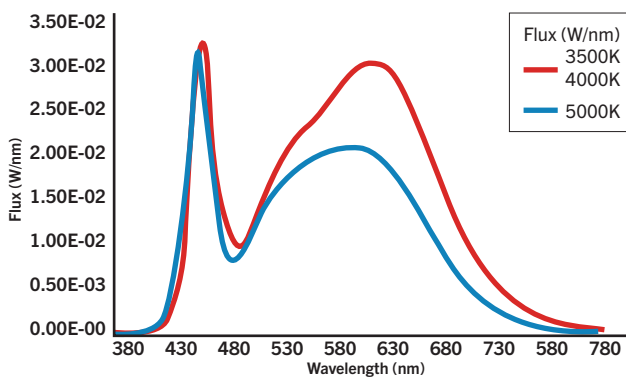
PRODUCT FEATURES

- Replacement for conventional T8/T12 8 foot single-pin 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 F96T12 lamps
- Environmentally friendly: No mercury used
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Component level, not for direct food zone without additional fixture considerations)
- Includes 2 C-clips to be installed with the lamps into the fixture ballast cover to prevent any potential undesired 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
- DLC Listed
- Instant startup

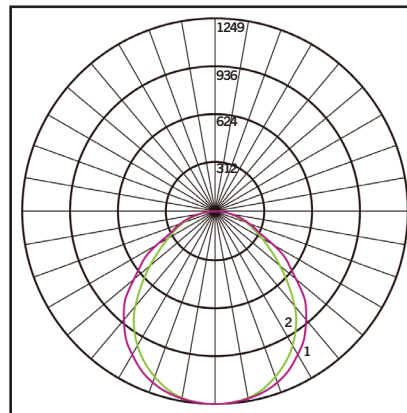
ELECTRICAL AND PERFORMANCE SPECIFICATIONS

Catalog Number	Input Voltage	Power Consumption	Color Temperature (CCT)	Luminous Flux	Efficacy	Beam Angle	Power Factor	Input Current	Rated Life
KT-LED43T8-96G-835-D	120–277 Vac	43W	3500K	5300 lm	123 lm/W	325°	>0.9	0.36 @ 120V 0.16 @ 277V	L70 (Hours) 50,000
KT-LED43T8-96G-840-D			4000K	5500 lm	128 lm/W				
KT-LED43T8-96G-850-D			5000K	5550 lm	129 lm/W				

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)

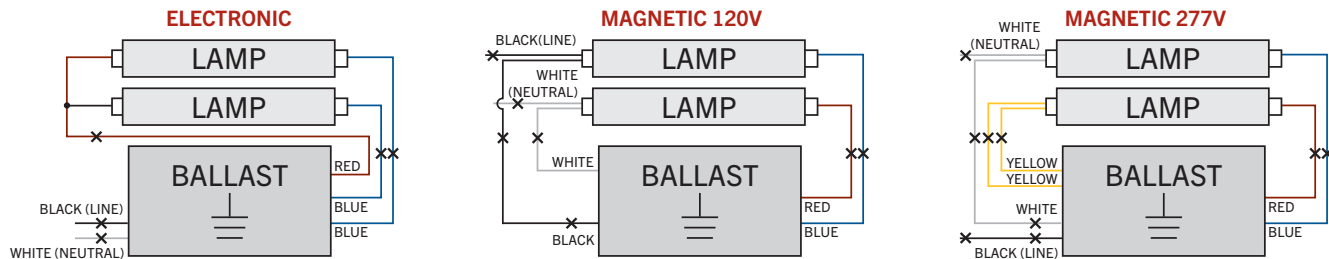
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WIRING DIAGRAMS

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

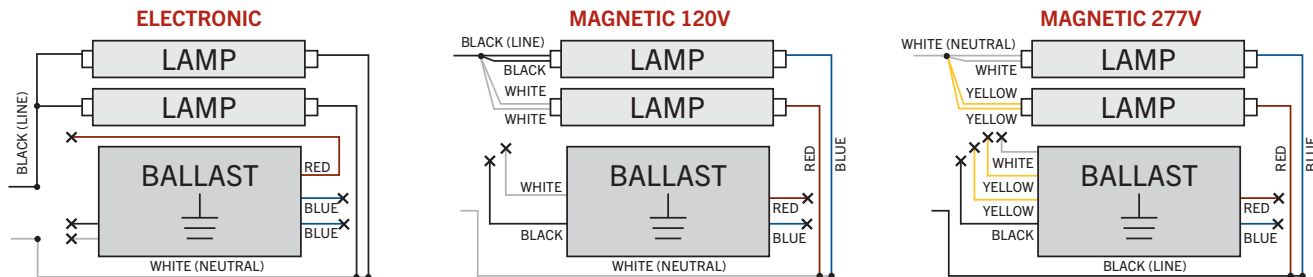
Typical Ballast Configurations:



2. Confirm that the lampholders in the fixture are single-pin Fa8 lampholders. These DirectDrive LED tubes require single-pin Fa8 lampholders.

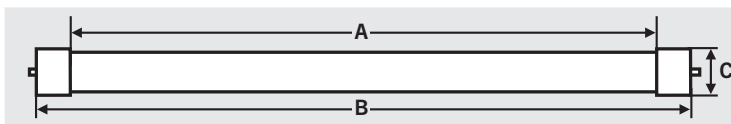
3. Rewire the fixture using existing lampholders as shown below according to the original ballast wiring configuration.

Typical Ballast Configurations:



PHYSICAL CHARACTERISTICS

LAMP DIMENSIONS



A (Illuminated Length)	91.5"
B (Body Length)	93.31"
C (Cross Section: Width x Height)	1.08" x 1.31"

NOMINAL LENGTH: 96" BASE TYPE: Fa8 (Single-Pin)

ORDERING INFORMATION

ORDER CODE	PACK QTY.	UPC	EASY CODE
KT-LED43T8-96G-835-D	10	843654123370	DZK-99
KT-LED43T8-96G-840-D	10	89094901924	CON-76
KT-LED43T8-96G-850-D	10	89094901925	PHA-55

CATALOG NUMBER BREAKDOWN

KT-LED43T8-96G-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 Glass	7 80 CRI	8 Color Temperature	9 Direct-Drive Series