5YEAR



DIRECT DRIVE LE

KT-LED36T8-96P-850-D T8 LED LAMP

DESCRIPTION

36W T8 LED | 5000K | > 80 CRI | High-Efficiency | 8-Foot

LAMP TYPE: Linear	
BULB TYPE: T8 LED	
BASE TYPE: Fa8 (Single-Pin)	
WATTAGE: 36W	
COLOR TEMPERATURE: 5000K	5
COLOR RENDERING INDEX (CRI): >80	~
WARRANTY: 5 Years	

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
- Approximately 50% more energy efficient than standard F96T12 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 undesired lamp twisting or sagging

Flux (W/nm)

Wavelength (nm)

580

630

680

530

- · Frosted lens elimates 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

compliant

- 100+ lumens per watt
- 50.000+ hour lifetime

POLAR CANDELA DISTRIBUTION

1249

936

624

312

· Plastic lens with aluminum backing

OPERATING SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

SPECTRAL DISTRIBUTION

4.50E-02

4.00E-02

3.50E-02

3.00E-02

2.50E-02

2.00E-02 1.50E-02 1.00E-02

0.50E-03

0.00E-00

330

380

430

480

Flux (W/nm)

Input Voltage	Power Consumption	Power Factor	Input Current
120-277Vac	36W	>0.9	0.30A @ 120V 0.14A @ 277V

PHOTOMETRIC CHARACTERISTICS

Color Temperature (CCT)	5000K	
Luminous Flux	uminous Flux 4000 lm	
Color Rendering Index (CRI)	>80	
Efficacy	111 Im/W	
Beam Angle	120°	

RATED LIFE L70 (Hours)

50,000

Located at:
Horizontal Angle = 0
Vertical Angle = 0

Violet Vertical Plane through Horizontal Angles (90–270) 1 2 Green Vertical Plane through Horizontal Angles (0–180)

Keystone Technologies • Philadelphia, PA • Phone (800) 464-2680 • www.keystonetech.com Specifications subject to change. Last revised on 06.13.19

780

730



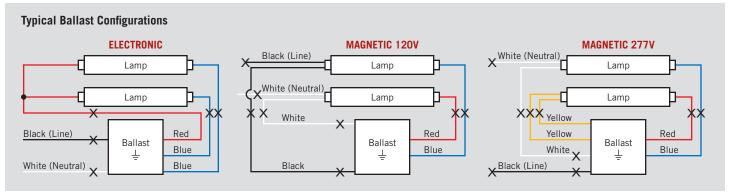




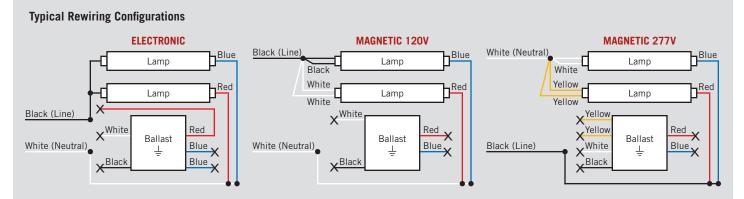
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WIRING INSTRUCTIONS

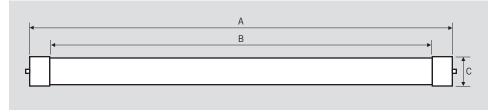
1. Identify ballast configuration as shown below and cut all wires connected to the ballast accordingly.



- 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.



PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

A (Body Length)	93.31"			
B (Illuminated Length)	91.50"			
C (Cross-section: Width \times Height)	1.08" × 1.31"			

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





KT-LED36T8-96P-850-D T8 LED LAMP

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED36T8-96P-850-D-DP	Distributor Pack (Individual Cartons)	20	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-LED36T8-96P-850-D-DP

- **1** Keystone Technologies
- 2 LED Lamp
- 3 Wattage
- 4 Lamp Type
- 5 Nominal Length (Inches)
- 6 Plastic/Aluminum Case
- 7 800 Series
- 8 Color Temperature
- 9 Direct Drive Series
- 10 Packaging Style