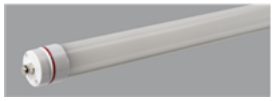
ELLIOTT ELECTRIC SUPPLY
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Nacogdoches, TX 75964-0
Phone: 9365697941
Fax: 9365604685



LED36T896P850D 36W LED T8 96" 50K LINE VOLTAGE 3800LM PLASTIC

KEYSTONE TECHNOLOGIES

Catalog Number	LED36T896P850D
Manufacturer	KEYSTONE TECHNOLOGIES
Description	T8 LED Lamp, 120 ° Beam Angle, >80, 5000 K, 4000 lm Brightness (Lumens), 36 W, 120 to 277 V ac, 0.30 A @ 120 V ac;0.14 A @ 277 V ac, Frosted, Plastic, 50000+ h Average Life, FA8 Single-Pin Base, Non Dimmable, 1.08 in Diameter, 93.31 in Length, Double End, >0.9 Power Factor, -4 °F Operating Temperature, +113 °F Operating Temperature, 5 yr Warranty
Weight per unit	2.7 (lbs/each)
Product Category	Shape & Circular Lamps

Features

Ballast Type	N/A
Circuit Type	N/A
Input Voltage	120-277V
Lamp Type	T8
Nominal Length	96 in
Nominal Size	N/A
Number Of Lamps	N/A
Output Current	N/A
Output Voltage	N/A
Sensor Type	N/A
Wattage	36
Wire Type	N/A
Beam Angle	180
Ip Rating	N/A
Lumens	4000

Material, Color, and Finish

Base Type	Fa8
Color Rendering Index (Cri)	>80 Deg
Color Temperature	5000
Housing Color	N/A

Descriptions

Description	36W LED T8 96" 50K LINE VOLTAGE 3800LM
Long Description	Key KT-LED36T8-96P-850-D-DP 36W LED
Product Type	36W Led T8 Lamp, 8 Long, Single Pin Base, 5000K. 120-277V In

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Manufacturer Information

Brand	Keystone
GTIN	00890949011768
Manufacturers Part Number	KT-LED36T8-96P-850-D-DP
UPC	891916

Taxonomies, Classifications, and Categories

Category Description	LED LINEAR STRAIGHT(Fluor replacement), U-SHAPE & CIRCULAR LAMPS

Availability

Manufacturer Status	Inactive

Packaging

Carton	20
Weight Per Each	2.7 (lbs/each)

Uses, Certifications, and Standards

Energy Star	N

SINCE 1945 KEYSTONE | DIRECTDRIVE LED
LINE VOLTAGE T8 TUBES

KT-LED36T8-96P-850-D

T8 LED LAMP

DESCRIPTION

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

RoHS Compliant | 5 YEAR WARRANTY

LAMP TYPE: Linear
BULB TYPE: T8 LED
BASE TYPE: Fa8 (Single-Pin)
WATTAGE: 36W
COLOR TEMPERATURE: 5000K
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
- 50,000+ Hour Lifetime
- Approximately 50% More Energy Efficient then 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 un-desired lamp twisting or sagging
- Frosted Lens Elimates Pixelation
- UL Classified
- Operating Temperature: -20ºC/-4ºF to 55ºC/131ºF
- Integral Driver (Isolated), Eliminates the Need for External Driver or Ballast
- 100+ Lumens per Watt
- Plastic Lens with Aluminum Backing

OPERATING SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

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

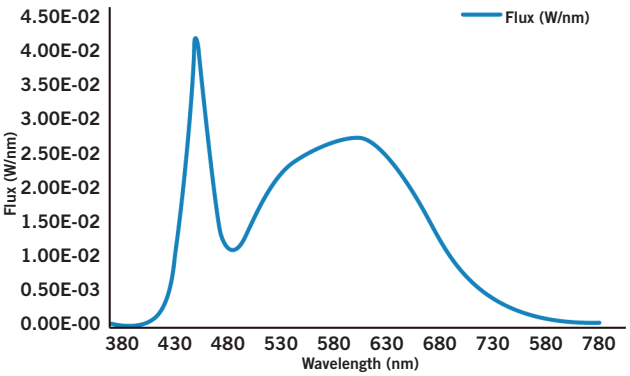
PHOTOMETRIC CHARACTERISTICS

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

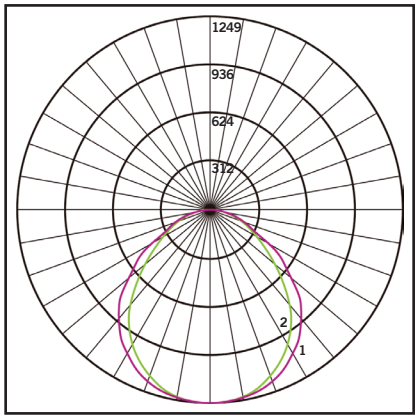
RATED LIFE

L70 (Hours)	50,000

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)

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

SINCE 1945 KEYSTONE | DIRECTDRIVE LED LINE VOLTAGE T8 TUBES

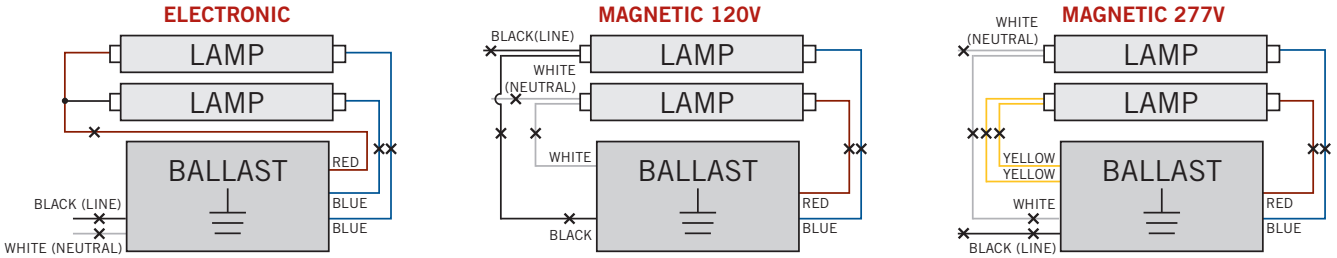
KT-LED36T8-96P-850-D

T8 LED LAMP

WIRING DIAGRAMS

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

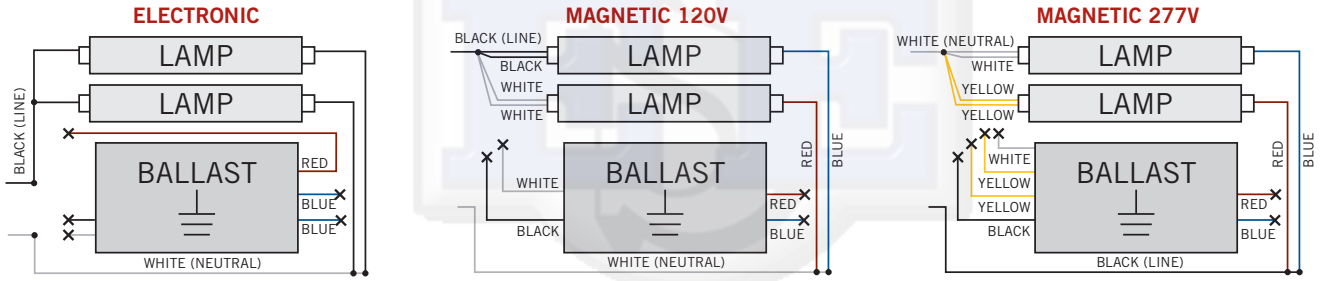
Typical Ballast Configurations:



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

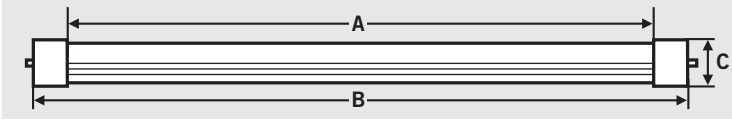
3. Rewire the fixture using existing lampholders as shown below according to the original ballast wiring configuration.

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	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-CP

Keystone Technologies	LED Lamp	Wattage	Lamp Type	Nominal Length (Inches)	Plastic/ Alum. Case	800 Series	Color Temp.	Direct Drive Series	Packaging Style