

# LED FA8 T8 SINGLE-PIN LIGHT

## E2-T8XYYWYZ6FT, E2-T8XYYWYZ8FT Series



Color: White

Weight: 1.15-1.50 lbs

Project Name:

Catalogue Number:

Fixture Schedule:

Comments:

### Specifications

Light Output	2,970-4,950 LM	Frequency	50-60 Hz
Efficacy	> 120 LPW	THD	10.81 %
Wattage	27-45 W	L70 Lifespan	50,000 hours
Color Accuracy (CRI)	84.0	IP Rating	Damp
Kelvin (CCT)	3,000-5,000 K	Beam Angle	120 DEG
Power Factor	0.9504	Dimming Compatible	No
Working Environment	-4° F~113° F	Mercury Content	No Hg
Input Voltage	AC120-277V	Lens	Polycarbonate

### Product Description

The E2 T8 LED 8ft Light is a line driven energy saving linear replacement for 8ft Single-Pin (FA8) T8 and T12 lamps up to 100W. It operates off of 120V-277V power and is ideal for even light distribution in a commercial space. The lamp is constructed of aluminum and polycarbonate. Superior optics with small endcaps and a 130-220° beam spread maximize illumination. UL Recognized, UL Listed and RoHs compliant.

### Product Features

- Original LED lighting manufacturer (OEM)
- Smooth light output, instant-on, no hot spot and glare-free
- Integral high-performance, insulated LED driver and high-performance SMD LEDs
- High uniformity of light creates elegant lighting atmosphere for retail & commercial applications
- High Efficiency; upwards of 110 LPW advances energy savings over 50% vs. T8 FA8 fluorescent luminaires
- Aluminum housing and polycarbonate diffuser
- Suitable for damp locations
- Up to 50,000-hour L70 LED lifespan
- 5-Year Warranty

### Applications

- Retail and commercial applications including Supermarket, Production Facility, Warehouse, etc.

### Available Options

- Optional color temperatures include 3,000, 3,500, 4,000, 4,500 and 5,000K
- Clear or frosted lens

### Cautions

- Installation by a licensed electrician only.
- Product failure caused by misuse, modification or power surges are not covered under warranty.
- Actual product performance may differ as a result of end-user environment and application.
- Input voltage may vary depending on photocell configuration

### Warranty

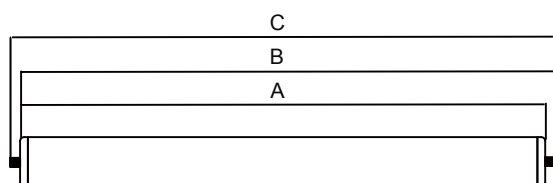
E2 warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. Please see our complete warranty terms located at [www.e2lightingusa.com](http://www.e2lightingusa.com).

### Technical Support

Need help? Please contact our technical support team for assistance at (415) 670-9362.

## E2-T8XYYWYZ6FT, E2-T8XYYWYZ8FT Series

### Dimensions

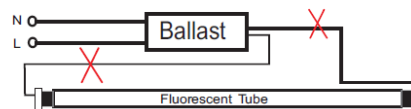


Max length	6ft	8ft
A	69.4in/1763mm	93.1in/2367mm
B	69.6in/1770mm	93.4in/2374mm
C	70.0in/1778mm	93.7in/2382mm
Weight (kg)	<0.52+/-0.01	<0.68+/-0.01

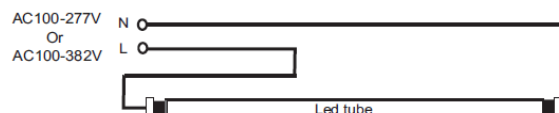
## Installation

### Wiring diagram: Direct wire (Two-end power):

1. Turn off power at the breaker with lock out tag out procedures to prevent accidental switching "On" during electrician working in the fixture.
2. Remove the ballast from the luminaire as it is no longer ope
3. Use same color power wire jumpers to the sockets to represent 120v or 277volt color cod NEC guidelines
4. Install a label at the socket "Warning - Line Voltage Socket"



### New wiring connection diagram



### Ordering Matrix

Model	Watts	Length	CCT	CRI	Beam Angle	Luminous Flux	Materials
E2-T8X27WYZ6FT	27W	6FT	4000K 5000K	>80	120 DEG	3240LM	Aluminum+ Optical PC
E2-T8X30WYZ8FT	30W	8FT				3600LM	
E2-T8X36WYZ8FT	36W					4320LM	
E2-T8X40WYZ8FT	40W					4800LM	
E2-T8X45WYZ8FT	45W					5400LM	