

T8 LED 8FT QUICK BYPASS-BALLAST BYPASSED

40W LED Replacement for Fa8 or R17d 8FT T8 (T12) Fluorescent Lamps

Type B - Double-Ended, Ballast Bypassed

Description

T8 LED 8FT is a 40W line driven (Type B, double-ended, ballast bypassed) linear T-LED replacement for an 8FT single pin (Fa8) or double recessed contact (R17d) T8 or T12 fluorescent lamp. Its built-in universal driver allows lamp operation at 100V ~ 277V.

R17d end cap makes this a double-ended lamp, allowing installation into both Shunted and Non-Shunted sockets in the case of the Double Recessed Contact . R17d lamps are ETL Classified for safe handling and can reduce installation time by half.

This lamp emits beautiful LED light over 180° of its surface. It has a Color Rendering Index (CRI) of >80 and delivers up to 5,000 lumens of usable light. The AIER T8 LED 8FT features a aluminum tube for improved optics and is available in 3000K, 4000K and 5000K color temperatures.

The T8 8FT LED lamp may also replace a T12 fluorescent lamp.

This lamp is rated at 50,000 hours and is backed by a five-year warranty. It contains no mercury, allowing for non-hazardous waste disposal.

This is a Type B (ballast bypassed) lamp and does not support fluorescent ballasts or LED drivers. For a fixture with Double Recessed Contact sockets, the sockets can be either Shunted or Non-Shunted.

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Features

- Replacement for T8 or T12 Lamps up to 75W with a 40W LED
- Quick Bypass (Type B, double-ended, ballast bypassed) Installation - supports line
- Input Voltage 100V-277V AC
- Universal Tombstone Technology (UTT) compatible with both Shunted and Non-Shunted Double Recessed Contact sockets
- Delivers up to 5,000 lumens at > 80 CRI
- CCT 3000K, 4000K and 5000K
- 50,000 hours life to L70 / 5-Year Warranty / P.C Shatter Guard

8FT LED Tube Light	Pin	Ballast	Length	Lumen	CRI	Power Factor	Color Temperature
	FA8 R17D	Bypassed Supports (100V~277V)	96 inch tube (T8 or T12)	5,000lm	Ra80 Ra85 Ra90	>0.95	3000K 4000K 5000K

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Product Specifications

Illumination

Color Temperatures	3000K,4000K,5000K
Delivered Lumens	Up to 5,000lm
CRI	≥80
Lumen Maintenance	50,000+hours life

Electrical System

Power Factor	>0.9
CRI	Ra80, Ra85, Ra90
Input Voltage	100V~277V 50/60Hz AC Line Voltage
Lifespan	50,000+hours life
Total Power	40W
Lamp Wattage Replaced	Up to 75W(T8 or T12)
Dimming	No

Physical Double Recessed Contact

Weight	0.55kg/pcs
Housing and Finish	Aluminum with PC Cover (Clear or Frosted)
Beam Angle	180

Environment

Ambient Operating Temp	-28°F to 113°F (-20°C to 45°C)
Ambient Operating Humidity	Dry and Damp Certified

Installation

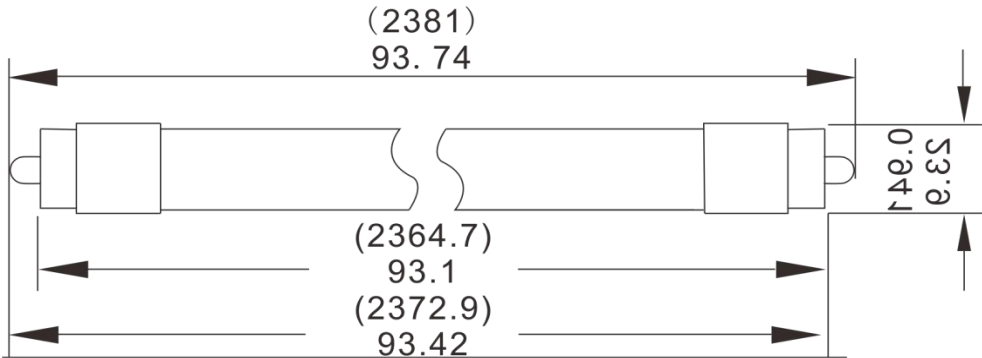
Line Voltage	Fa8 socket or R17Dsocket(ShuntedorNon-Shunted)
Ballast Installation	Bypass Ballast.

Cerrtifications & Qualifications

ETL(US and Canada)	Classified ETL Intertek
FCC	Complies with Parts 15A/B
RoHS Compliant	Contains no led or mercury
Listed	No category

Warranty:5 years

Product Dimensions



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- Lamp installation in the following conditions and applications *voids the product warranty*:

- Line voltage above 277VAC
- LED Drivers or with a ballast
- Gasketed, fully enclosed fixtures
- Installation in wet environments
- Installation in broken, cracked, dirty or rusted tombstones
- Improper wiring to the tombstones/lamp
- Total Power equals lamp power because the ballast has been bypassed or removed.

- **CAUTION**

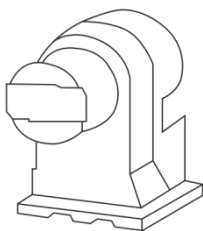
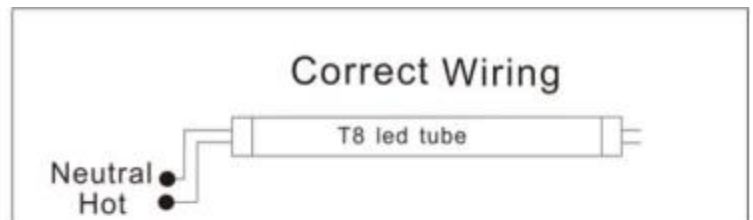
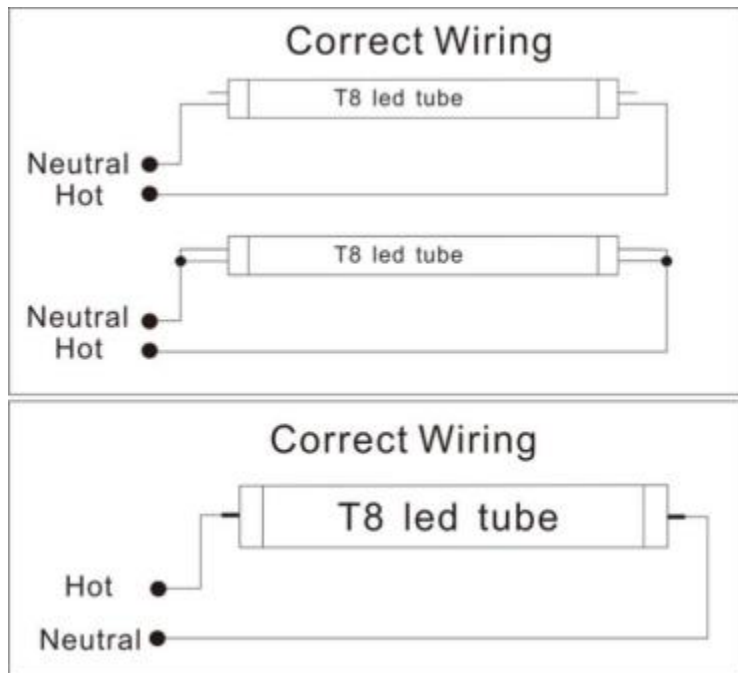
Turn power off when installing the lamp.

CAUTION - IF THE LAMP OR LUMINAIRE EXHIBITS UNDESIRABLE OPERATION (BUZZING, FLICKERING, ETC.), IMMEDIATELY TURN OFF POWER, REMOVE LAMP FROM LUMINAIRE AND CONTACT MANUFACTURER.

- Double-Ended Electrical Connection & Single-Ended Electrical Connection

Double-Ended Wiring:

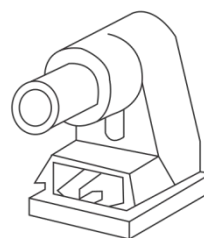
Single-Ended Wiring:



Socket Type

Double Recessed Contact (R17d)

Shunted or Non-Shunted
(Double-Ended Installation)



Socket Type

Double Recessed Contact (FA8)

Shunted or Non-Shunted
(Double-Ended Installation)