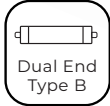


T8B Series

Type B 8-Foot T8 LED Tube

Project _____

Date _____ Type _____



Description

These T8B series LED tubes replace conventional single pin (FA8) 8 ft T8/T12 fluorescent lamps in both enclosed and exposed tube fixture types. Ballast bypass LED tubes require simple rewiring during installation—converting your existing 8 ft linear fluorescent fixture to efficient LED light. These 8 ft T8 LED tubes feature instant-on, cold-start, flicker-free illumination and up to 50% more energy efficient than standard F96T12 lamps. This is the easiest way to eliminate ballast issues and drastically cut both maintenance and energy costs.

Mechanical

- Single pin FA8 connection
- 4°–140° F (-20°–60° C) operating temperature range
- Rated for open or enclosed fixtures
- Includes C-clip for additional mounting support

Electrical

- 110–277 VAC input
- Dual-sided Type B ballast bypass design
- 36 W and 48 W versions available
- 50,000 hour (L70) rated life
- Power factor of ≥ 0.9
- Replaces 59 W / 75 W fluorescent tubes

Optics

- Frosted polycarbonate lens reduces glare
- Wide 120° beam angle
- 120 lm/W
- 5000K color temperature

Available Models

- T8B-50K36W-8
- T8B-50K48W-8

Specifications

Model	T8B-50K36W-8	T8B-50K48W-8
Intensity	4,320 lm	5,760 lm
Efficacy	120 lm/W	
Input Voltage Range	110–277 VAC	
Power Consumption	36 W	48 W
Current Draw	300 mA @ 120 VAC / 130 mA @ 277 VAC	400 mA @ 120 VAC / 173 mA @ 277 VAC
Connection	single pin FA8	
Color Temperature	5000K	
Beam Angle	160°	
CRI	80+	
Dimming	none	
Environmental Rating	IP20	
Ambient Operating Temperature	-4°–140° F (-20°–60° C)	
Rated Life (L70)	50,000 hours	

Applications

Efficiently and easily replaces existing 8 ft T8 and T12 tubes commonly used in shops and retail locations, warehouses, schools, hallway lighting, and industrial facilities

Certifications and Compliances

These are UL Classified to in compliance with UL 1598C and are intended for use in damp or dry locations.



Warranty

Five (5) Year Warranty

Dimensional Drawing

