

8 ft T8 LED Tube, Type A+B Ballast Compatible, 40W, 5000K, FA8 Base

OVERVIEW

The 8 ft T8 LED tube (Type A+B) is an FA8 single-pin, 40-watt replacement lamp designed for commercial and industrial fluorescent fixtures. Operating in Type A mode, it runs directly on compatible electronic or magnetic ballasts without rewiring. In Type B mode, it bypasses the ballast entirely and connects to line voltage (AC 100–277V). This makes it a practical retrofit option for offices, warehouses, hospitals, schools, and similar facilities.

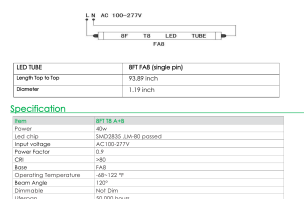
The tube delivers 40W of output at 5000K (daylight) color temperature with a CRI greater than 80, a 120-degree beam angle, and a rated lifespan of 50,000 hours. The SMD2835 LED chip (LM-80 tested) is mounted on an aluminum housing with a PC clear cover. IP20-rated for dry indoor environments, the lamp operates between -68°F and 122°F and is non-dimmable. THD is rated below 20%.

The datasheet references ETL certification; however, no confirmed certification documentation was available at time of listing. A 5-year manufacturer warranty is stated in the product datasheet. Buyers should verify current certification status prior to specification on regulated projects.

SPECIFICATIONS

Power	40 W	IP rating	IP20
CCT	5000 K	Input voltage	100-277 V
CRI	80	Rated life	50000 h
Beam angle	120 °	Warranty	5 years

DIMENSION



Technical drawing showing the LED tube with dimensions: Length (8 ft), Diameter (1.19 inch), and a note for AC 100-277V. Below the drawing is a specification table.

LED TUBE		BIFAS (single pin)	
Length (tip to tip)	93.89 inch		
Diameter	1.19 inch		

Specification	
Item	8FT8A+B
Power	40W
LED chip	SMD2835 (LM-80 tested)
Input voltage	AC 100-277V
Power factor	> 0.9
CRI	> 80
Beam	120°
Operating temperature	-68 ~ 122 °F
Beam angle	120°
Dimensile	FA8 Dim.
Lifespan	50,000 hours