



DOUBLE-ENDED BALLAST BYPASS T8 LED, TYPE B FA8 BASE | REPLACES 32-75W FLUORESCENT

KEY FEATURES

LEDS LLC's double-ended ballast bypass T8 lamps offer maintenance free replacement for dated fluorescent lamps. These T8 tubes provide bright uniform, end-to-end lighting, making them suitable for use in buildings with high ceilings like warehouses, distribution centers, or department stores.

CCT & Light Quality

- 4000K, 80+ CRI

Light Output

- Light Output: 3900lm or 5500lm
- Efficacy Rating: up to 150 LPW
- Life time rating 50,000 hrs.

Dimming

- Non-Dimming and 0-10V options

SPECIFICATIONS

Construction

- PET coated glass tube
- Suitable for open and enclosed fixtures

Optics

- Full Glass Lens (no aging, yellowing or bending)
- 170° Beam Angle

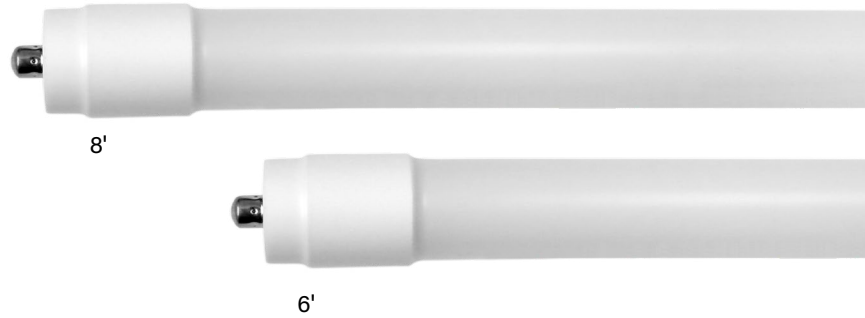
Electrical

- Simple ballast bypass, double-ended power
- Type B, Direct Wire
- Operates at 120-277, 50/60Hz
- Use with non-shunted sockets only
- Single Pin FA8 Base
- Power Factor: > 0.9 nominal | THD <20%
- Operating Temperature: -4°F - 113°F (-20°C - 45°C)

Warranty

5-Year Standard Warranty. See terms at: LEDS-LLC.com

DATE:	PROJECT:
TYPE:	NOTES:
CATALOG #:	



Certifications & Test Data

- cULus Classified, Damp Location
- RoHS compliant with no lead or mercury
- DLC Standard Listed. Search qpl.designlights.org for details



STOCK ORDERING INFORMATION

Part Number	Size	Lumen Package	Wattage	Efficacy	CCT	CRI	Voltage	Dimming	DLC Listed*
T81426	6'	3900lm	26W	150 LPW	4000K	80 (min)	120-277V	Non-dim	Standard
T81427	8'	5500lm	40W	137 LPW	4000K	80 (min)	120-277V	0-10V	Standard

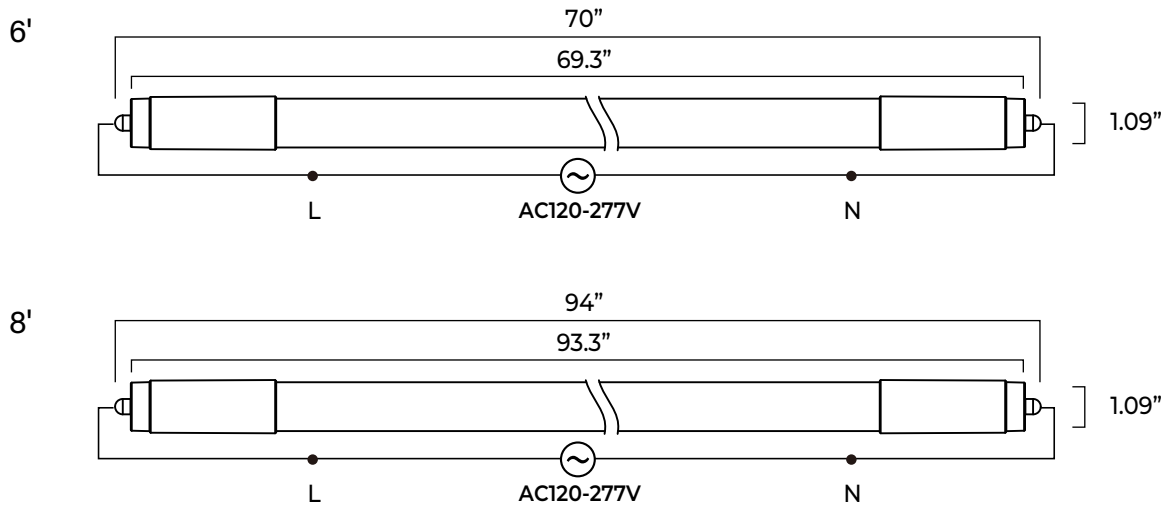
KEY DATA	
Lumen	3900, 5500lm
Wattage	26W, 40W
Fluorescent Equivalent	32-75W
Efficacy Range (LPW)	137-150
Reported Life (Hours)	L70 / 50,000



LEDS, LLC
email: orders@LEDS-LLC.com | LEDS-LLC.com

All specifications are subject to change without notice. All reported values are typical, measured under laboratory conditions @ 25° C (77° F). Actual performance can vary slightly as a result of end-user application & environment.

DIMENSIONS / WIRING DIAGRAM



PERFORMANCE / DATA

Lumen Maintenance

Ambient Temp.	TM-21 Lumen Maintenance (60,000 hours)
25° C (77° F)	> 95.8%
Ambient Temp.	TM-21 Theoretical L70 (hours)
25° C (77° F)	50,000

Load Information

Power Factor	0.90
THD	< 20%
Frequency	50/60 Hz
Sound Rating	< 20 Dba
Low Temp Start / Max Temp	-4°F - 113°F (-20°C - 45°C)