



project name	type
catalog number	voltage
approved by	date

T8 TYPE-B LED 8FT T8 REPLACEMENT

High efficiency 8ft LED T8 tube delivers up to 5500 lumens with Field Adjustable Light Output and Color Temperature (FALO and FACT) feature and 50,000 hours life. Designed to replace conventional fluorescent T8 and T12 tubes, it offers easy retrofit with double-ended wiring and interchangeable end caps, delivering reliable energy-saving performance in commercial and industrial spaces.



TECHNICAL SPECIFICATIONS

CONSTRUCTION & INSTALLATION

- Frosted Glass T8LED tube
- Double Ended Wiring
- Available in 8ft
- Type B ballast bypass
- Includes Interchangeable FA8 & R17D Plastic end caps and lamp clamps

LIGHT OUTPUT

- ColorSET: 3000K/3500K/4000K/5000K/6500K field-selectable
- CRI 80+
- Beam Angle 210°
- Lumen output upto 5,500 lm
- Efficacy: Up to 146 lumens per watt

ELECTRICAL

- PowerSET: 40W/32W/24W field-selectable
- Input voltage: 120-277V
- Power Factor >0.9
- THD <20%

ENVIRONMENTALS RATING

- L70 lumen maintenance: >50,000 hours
- Operating temperature: -4°F to 113°F (-20°C to 45°C)
- 5-year limited warranty
- Suitable for Dry & Damp locations



APPLICATIONS

- Train stations
- Warehouse & Storage areas
- Parking Garages
- Tunnels
- Industrial & Utility
- Backlit Display Panels

AVAILABLE MODELS

ORDER	ORDER CODE	MODEL	SIZE	WATTAGE EQUIVALENCY	WATTS (W)	LUMEN OUTPUT (LM)	COLOR TEMPERATURE (K)	EFFICACY (LPW)	CRI	DLC ID #
120-277V										STANDARD
	16303	LPS40T8-96-BDG-8FCCT-U-FA8R17D	8ft	96/86/59W Fluorescent	PowerSET: Field Adjustable via Dip Switch 40/32/24W	5500/4400/3500 lm	ColorSET: Field Adjustable via Dip Switch 3000/3500/ 4000 /5000/6500K	138/138/146	≥80	S-GF4SD5

Field-selectable lamps ship at highest wattage setting and at 4000K CCT

PERFORMANCE

INPUT WATTAGE	3000K		3500K		4000K*		5000K		6500K	
	LUMENS	LPW								
40W*	5200	130	5200	130	5500*	138	5500	138	5500	138
32W	4200	131	4200	131	4400	138	4400	138	4400	138
24W	3300	138	3300	138	3500	146	3500	146	3500	146

* Indicates default setting

ORDERING GUIDE

MODEL CONFIGURATOR							
MODEL	WATTS	LAMP TYPE	SIZE	UL TYPE, WIRING CONFIG, MATERIAL	COLOR TEMPERATURE	INPUT VOLTAGE	LAMP BASE
L	PS40	T8	96	BDG	8FCCT	U	FA8R17D
L - LED	PS40 - 40W/32W/24W	T8 - Tube size	96 - 96 inches	BDG - Type B, Double Ended, Glass	8 - CRI >80 FCCT - ColorSET	U - 120-277V	FA8R17D - Interchangeable FA8 and R17D included

EXAMPLE PART NUMBER: LPS40T8-96-BDG-8FCCT-U-FA8R17D

PRODUCT DIMENSIONS

