



4 ft T8 LED Tube, 18W, 5000K, A+B Ballast Compatible, 130 lm/W

- Delivers 130 lm/W efficacy at 18W using an Epistar SMD2835 chip
- Compatible with A and B ballast wiring for flexible installation
- Rated for 50,000-hour service life to reduce maintenance intervals
- Operates across a wide 120-277V input voltage range
- IP20 rated with a 120° beam angle for broad area coverage
- Backed by a 3-year limited warranty

OVERVIEW

The Lumi Pro T8 LED Tube is a 4 ft linear lamp designed for general indoor commercial and industrial applications, including offices, warehouses, retail spaces, and parking structures. It is compatible with both Type A and Type B ballasts, allowing installation on existing fluorescent ballast wiring or direct-wire configurations without rewiring.

The lamp operates at 18W across a 120-277V input range and produces a 5000K daylight white color temperature with a CRI of 80. It is built around an Epistar SMD2835 chip, delivers 130 lm/W efficacy, and is rated for a 50,000-hour service life, reducing maintenance intervals in high-use environments. The clear cover combines a plastic lens with an aluminum body, and the fixture carries an IP20 rating with a 120° beam angle.

SPECIFICATIONS

OPTICAL

Efficacy	130 lm/W
Color Temperature	5,000 K
CRI	80
Beam Angle	120°
LED Chip Type	Epistar SMD2835
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Finish	White
Material	Plastic cover + Aluminum

ORDERING

Warranty	3 y
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ELECTRICAL

Operating Voltage	120-277 V
Wattage	18 W

ENVIRONMENTAL

IP Rating	IP20
Ambient Operating Temperature	-20-40 °C -4-104 °F

APPLICATIONS

- Office ceiling troffers and fixtures
- Warehouse and distribution center lighting
- Retail space general illumination
- Parking structure and garage lighting
- Commercial hallway and stairwell fixtures

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
efficacy_lm_per_w	130 lm/W	pdf	high
cct_k	5,000 K	db	high
cri	80	db	high
beam_angle_deg	120°	db	high
led_chip_type	Epistar SMD2835	pdf	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	120–277 V	db	high
wattage	18 W	db	high
finish	White	db	high
material	Plastic cover + Aluminum	db	high
ip_rating	IP20	db	high
ambient_temp_c	-20–40 °C	db	high
warranty_years	3 y	db	high

Specifications subject to change without notice.