



8 ft T8 LED Tube Light, 40W 5000K,
Type B Ballast Bypass, ETL Listed

- Delivers 5200 lumens at 130 lm/W efficacy
- Rated lifespan of 50,000 hours reduces maintenance intervals
- Type B ballast bypass design for direct-wire installation
- Aluminum and PC housing with IP20 rating for indoor use
- Operates on universal 120-277V input voltage
- Backed by a 3-year warranty

OVERVIEW

The 8 ft T8 LED tube is designed for commercial and industrial applications including retail, warehouse, and healthcare environments where consistent, high-quality illumination is required.

This tube operates at 40W with a 5000K color temperature, delivering 5200 lumens at 130 lm/W efficacy. It features Epistar SMD2835 LEDs with a CRI of 80, a 180° beam angle, and a rated lifespan of 50,000 hours, reducing maintenance intervals in demanding installations. It operates on 120-277V input and carries an IP20 rating for indoor use.

The fixture carries ETL, CE, and RoHS certifications and is backed by a 3-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	5,200 lm
Efficacy	130 lm/W
Color Temperature	5,000 K
CRI	80
Beam Angle	180°
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Finish	White
Material	Aluminum + PC

ORDERING

Warranty	3 y
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ELECTRICAL

Operating Voltage	120-277 V
Wattage	40 W

ENVIRONMENTAL

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

CERTIFICATIONS & COMPLIANCE

ETL

ETL Listed

CE

CE

RoHS

RoHS Compliant

APPLICATIONS

Retail store lighting

Warehouse and industrial facilities

Healthcare and hospital environments

Commercial office spaces

Educational facilities

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	5,200 lm	db	high
efficacy_lm_per_w	130 lm/W	db	high
cct_k	5,000 K	db	high
cri	80	db	high
beam_angle_deg	180°	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	120–277 V	db	high
wattage	40 W	db	high
finish	White	db	high
material	Aluminum + PC	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.