



LED T8 Tube, 4 ft, 18W, 780 Lumens, 3000K Frosted Warm White, 1-End Connection

- 18W consumption across 120-277V input range
- 780 lumens output at 3000K frosted warm white
- 80 CRI with 120° beam angle for broad coverage
- Acrylic cover and aluminum body, IP20 rated
- Rated for 50,000 hour LED lifetime
- Weighs 0.7 lb with a 1-year manufacturer warranty

OVERVIEW

The 8-T8-4-A18-3K-F-1 is a 4 ft LED T8 plastic tube designed for general-purpose indoor lighting in commercial and industrial applications, including offices, retail spaces, and warehouses. It features a frosted lens that diffuses warm white light at 3000K, with a 1-end connection configuration for straightforward installation.

The tube draws 18W and operates across a wide input voltage range of 120-277V, delivering 780 lumens with a CRI of 80 and a 120° beam angle. The acrylic cover and aluminum construction support use in dry indoor environments rated IP20, with an ambient operating range of -20 to 40°C. Rated LED lifetime is 50,000 hours, and the fixture weighs 0.7 lb.

The manufacturer backs the tube with a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	780 lm
Color Temperature	3,000 K
CRI	80
Beam Angle	120°
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Product Dimensions	50 × 1 × 1 in
Finish	White
Material	Acrylic cover + Aluminum
Weight	0.7 lb

ORDERING

Warranty	1 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 fixtures
- Retail display lighting
- Warehouse general lighting
- Commercial hallway and stairwell lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	780 lm	db	high
cct_k	3,000 K	db	high
cri	80	db	high
beam_angle_deg	120°	db	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
product_dimensions	50 × 1 × 1 in	db	high
finish	White	db	high
material	Acrylic cover + Aluminum	db	high
weight	0.7 lb	db	high
ip_rating	IP20	db	high
ambient_temp_c	-20–40 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.