



LED T8 Tube, 4 ft, 16W, 2080 lm, 5000K, Type A and Type B Ballast Compatible

- 16W draw producing 2,080 lumens at 130 lm/W efficacy
- 5000K color temperature with 80 CRI for general commercial spaces
- Type A ballast-compatible and Type B direct-wire operation on 120-277V
- Acrylic cover over aluminum body in a white finish
- 120-degree beam angle across a 47.2 in nominal 4 ft length
- IP20 rated for dry interiors from -20 to 40 °C, 50,000 hour rated life

OVERVIEW

The CPC Series 16W LED T8 tube is a 4 ft linear lamp for commercial and industrial fluorescent retrofits. It supports both Type A ballast-compatible operation and Type B direct-wire installation, allowing integration into existing fixtures or a ballast-bypass conversion.

The tube draws 16W and delivers 2,080 lumens at 5000K for an efficacy of 130 lumens per watt, with 80 CRI and a 120-degree beam angle for broad, even coverage. Construction is an acrylic cover over an aluminum body in a white finish, rated IP20 for dry interior use across an ambient range of -20 to 40 °C on 120-277V supply. Rated LED life is 50,000 hours.

Backed by a 3-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	2,080 lm
Efficacy	130 lm/W
Color Temperature	5,000 K
CRI	80
Beam Angle	120°
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Product Dimensions	47.2 in x 1.38 in x 1.30 in
Finish	White
Material	Acrylic cover + Aluminum
Mounting	Surface mounted

ORDERING

Warranty	3 y
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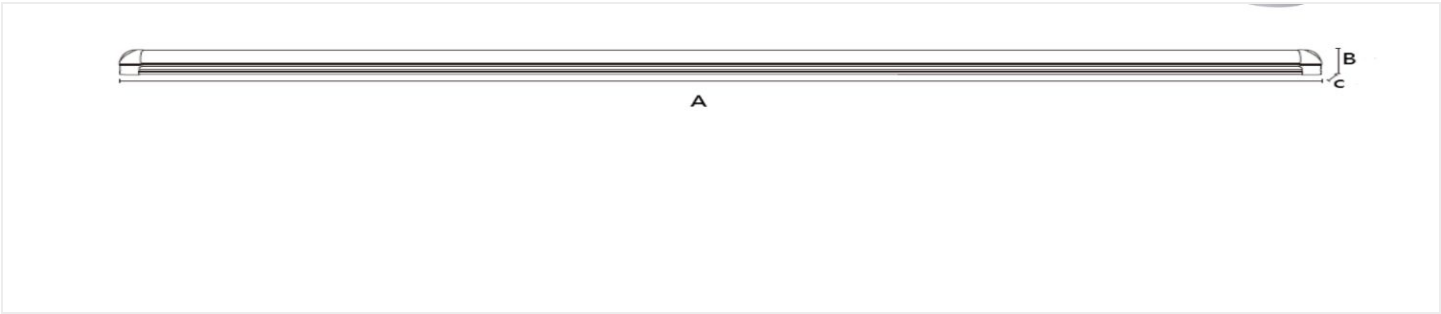
ELECTRICAL

Operating Voltage	120-277 V
Wattage	16 W

ENVIRONMENTAL

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

DIMENSIONS & DIAGRAMS



DIMENSION

APPLICATIONS

- Office ceiling troffers
- Warehouse and stockroom strip fixtures
- Retail sales floors
- School and institutional corridors
- Fluorescent retrofit and ballast-bypass conversions

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	2,080 lm	db	high
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_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	120–277 V	db	high
wattage	16 W	db	high
product_dimensions	47.2 in x 1.38 in x 1.30 in	pdf	high
finish	White	db	high
material	Acrylic cover + Aluminum	db	high
mount_type	Surface mounted	pdf	medium
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.