



LED T8 Tube Light, 16W, 5000K, 2080 Lumens, Type A and B Ballast Compatible

- 16W input delivers 2,080 lumens of output
- 5000K color temperature with 80 CRI for neutral daylight rendering
- 120° beam angle for broad light distribution
- Nano plastic cover with aluminum body construction
- Operates across 120-277V input, Type A and Type B ballast compatible
- Rated for -20 to 40°C ambient operating temperature

OVERVIEW

The Lumipro NP Series T8 LED Tube Light is designed for retrofit and new installation applications, compatible with both existing ballasts and direct-wire configurations (Type A and Type B). Its nano plastic cover with aluminum body makes it a practical choice for commercial and industrial environments requiring a fluorescent replacement.

Rated at 16W, the tube delivers 2,080 lumens at a 5000K color temperature with 80 CRI, producing a neutral daylight output suited for offices, warehouses, and retail spaces. The 120° beam angle supports broad light distribution, and the fixture operates across a 120-277V input range with a rated ambient operating temperature of -20 to 40°C.

SPECIFICATIONS

OPTICAL

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

MECHANICAL

Finish	White
Material	Plastic cover + Aluminum

ORDERING

Warranty	1 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

APPLICATIONS

- Office ceiling fixture retrofits
- Warehouse high-bay fluorescent replacement
- Retail display lighting
- Commercial hallway and stairwell lighting

slug	value	source	confidence
lumens	2,080 lm	db	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
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	1 y	db	high

Specifications subject to change without notice.

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