



LED Strip Light, SMD5050, 30 LEDs/m, 3000K, 24VDC, IP20, UL Listed

- SMD5050 LED chips at 30 LEDs/m density
- 500 lm/ft output at a 3000K color temperature
- CRI of 80+ for accurate color rendering
- Operates at 24VDC, drawing 7.8W
- IP20 rating suited to dry indoor environments
- UL Listed with a 2-year manufacturer warranty

OVERVIEW

The Series 50N LED Tape Light is a 24VDC, single-color flexible strip designed for commercial and residential cove, accent, and general ambient lighting applications. Its low-voltage architecture and flexible form factor make it suitable for a range of architectural and retrofit installations. The strip delivers 500 lumens per foot at a 3000K color temperature with a CRI of 80+, drawing 7.8W. SMD5050 chip technology at a density of 30 LEDs per meter provides consistent output across the run. The IP20 rating limits use to dry, indoor environments. This product carries a UL Listed designation and is backed by a 2-year manufacturer warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	500 lm
Efficacy	960 lm/W
Color Temperature	3,000 K
CRI	80
Beam Angle	120°
LED Chip Type	SMD5050
LED Density	30 LEDs/m
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Length	4.88 m 16.0 ft
Minimum Cut Length	2 mm 0.08 in
Finish	White

ELECTRICAL

Operating Voltage	24 V
Wattage	7.8 W

ENVIRONMENTAL

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

ORDERING

Warranty

2 y

CERTIFICATIONS & COMPLIANCE



UL Listed

APPLICATIONS

- Cove lighting
- Under-cabinet lighting
- Retail display lighting
- Architectural accent lighting
- Ambient interior lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	500 lm	db	high
efficacy_lm_per_w	960 lm/W	db	high
cct_k	3,000 K	db	high
cri	80	db	high
beam_angle_deg	120°	db	high
led_chip_type	SMD5050	db	high
led_density	30 LEDs/m	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	24 V	db	high
wattage	7.8 W	db	high
length	4.88 m	pdf	medium
min_cut_length	2 mm	db	high
finish	White	db	high
ip_rating	IP20	db	high
ambient_temp_c	-40–40 °C	db	high
warranty_years	2 y	db	high

Specifications subject to change without notice.