



LED Tape Light, SMD5050 Chip, 60 LEDs/m, 9W/m, 3000K, 12VDC, IP20

- SMD5050 chip technology at 60 LEDs per meter density
- Draws 9W per meter, 500 lumens per foot output at 3000K
- CRI rating above 95 for accurate color rendering
- IP20 rated for dry indoor installation environments
- Minimum cut length of 2mm for flexible custom sizing
- UL Listed, CE marked, and RoHS compliant, 2-year warranty

OVERVIEW

The Series 50N LED Tape Light is a 12VDC flexible strip built for architectural accent, cove, and general ambient lighting where a warm white 3000K tone is required. It ships in 5-meter rolls and can be field-cut at 2mm intervals for custom runs.

The strip uses SMD5050 chip technology at a density of 60 LEDs per meter, drawing 9W per meter and delivering 500 lumens per foot. CRI exceeds 95 for accurate color rendering, and the IP20 rating limits use to dry indoor environments. Rated LED lifetime is 50,000 hours with an efficacy of 960 lm/W.

The product is UL Listed, CE marked, and RoHS compliant, and is backed by a 2-year warranty.

SPECIFICATIONS

OPTICAL

Efficacy	960 lm/W
Color Temperature	3,000 K
CRI	95
Beam Angle	120°
LED Chip Type	SMD5050
LED Density	60 LEDs/m
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Length	5 m 16.4 ft
Minimum Cut Length	2 mm 0.08 in
Finish	White

ORDERING

Warranty	2 y
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ELECTRICAL

Operating Voltage	12 V
Wattage	9 W

ENVIRONMENTAL

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

CERTIFICATIONS & COMPLIANCE

UL

UL Listed

CE

CE

RoHS

RoHS Compliant

APPLICATIONS

- Architectural cove lighting
- Under-cabinet task lighting
- Retail display accent lighting
- Residential ambient lighting
- Commercial ceiling coves

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
efficacy_lm_per_w	960 lm/W	db	high
cct_k	3,000 K	db	high
cri	95	db	high
beam_angle_deg	120°	db	high
led_chip_type	SMD5050	db	high
led_density	60 LEDs/m	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	12 V	db	high
wattage	9 W	db	high
length	5 m	db	high
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.