



LED Tape Light, SMD5050 Chip, 60 LEDs/m, 4000K, 12VDC, IP20, UL Listed

- SMD5050 chip LEDs at a density of 60 LEDs/m
- Operates at 9W on 12VDC input
- CRI of 95 for accurate color rendering at 4000K
- IP20 rated for dry indoor installation only
- 50,000-hour rated LED lifetime with 120° beam angle
- UL Listed, CE marked, and RoHS compliant with 2-year warranty

OVERVIEW

The Series 50N LED Tape Light (M-50N-60-40K-UL) is a 12VDC flexible strip designed for commercial and residential accent, cove, and general illumination. The 10mm PCB format fits standard channel extrusions and mounting surfaces, with a minimum cut length of 2mm for flexible layout planning.

The strip uses SMD5050 chips at a density of 60 LEDs/m, drawing 9W and producing 4000K neutral white light with a CRI of 95. Each roll spans 5 meters and carries an IP20 rating, limiting use to dry, indoor environments. Rated LED lifetime is 50,000 hours with a 120° beam angle.

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	4,000 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

ELECTRICAL

Operating Voltage	12 V
Wattage	9 W

ENVIRONMENTAL

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

ORDERING

Warranty

2 y

CERTIFICATIONS & COMPLIANCE

UL

UL Listed

CE

CE

RoHS

RoHS Compliant

APPLICATIONS

- Cove lighting
- Under-cabinet lighting
- Accent and display case lighting
- Architectural coves and channels
- General indoor illumination

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
efficacy_lm_per_w	960 lm/W	db	high
cct_k	4,000 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.