



- ### UL Listed Indoor LED Strip Light, SMD5050, 5000K, 60 LEDs/m, 12VDC, IP20
- SMD5050 chip technology at 60 LEDs per meter for uniform illumination
 - 5000K daylight white color temperature with 95 CRI for accurate rendering
 - IP20-rated 10mm double-layer 2oz FPC PCB for indoor dry-location use
 - 12VDC operation at 9W with 120° beam angle
 - Rated for 50,000-hour LED lifetime and -40°C to 40°C ambient range
 - UL listed with RoHS and CE compliance, 1-year warranty

OVERVIEW

The M-50N-60-50K-UL is an IP20-rated indoor LED strip light built with SMD5050 chips at a density of 60 LEDs per meter across a 5-meter reel. The 5000K daylight white output and 95 CRI suit task-oriented lighting in residential, commercial, and industrial spaces. The 10mm double-layer 2oz FPC PCB construction supports reliable, long-term installation with a minimum cut length of 2mm.

The strip operates at 12VDC with a rated output of 9W and a 120° beam angle, delivering an efficacy of 960 lm/W. It is rated for an ambient operating range of -40°C to 40°C and a 50,000-hour LED lifetime, providing consistent performance over extended use.

This strip carries UL listing along with RoHS and CE compliance, and is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

Efficacy	960 lm/W
Color Temperature	5,000 K
CRI	95
Beam Angle	120°
LED Chip Type	SMD5050
LED Density	60 LEDs/m
LED Lifetime	50,000 h
Light Color	White

ELECTRICAL

Operating Voltage	12 V
Wattage	9 W

MECHANICAL

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

ORDERING

Warranty	1 y
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ENVIRONMENTAL

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

CERTIFICATIONS & COMPLIANCE

UL UL Listed	RoHS RoHS Compliant	CE CE
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APPLICATIONS

Under-cabinet lighting	Cove and accent lighting	Retail display illumination	Task lighting in commercial interiors
Residential indoor accent lighting			

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
efficacy_lm_per_w	960 lm/W	db	high
cct_k	5,000 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	1 y	db	high

Specifications subject to change without notice.