



LED Strip Light, 5000K, 4.8W/m, SMD2835, 12VDC, CRI 95, IP20, UL Listed

- 60 SMD2835 chips per meter for uniform illumination
- 4.8W per meter power draw at 12VDC
- 360 lumens per meter output with CRI 95 color rendering
- 180° beam angle for broad light distribution
- Rated to -20°C ambient operating temperature
- 3-year manufacturer warranty with CE, RoHS, and UL listings

OVERVIEW

The M-28N-60-50K-UL-CRI97 is a 5000K daylight LED strip light designed for commercial and residential accent, task, and general illumination applications. It features 60 SMD2835 chips per meter for uniform light distribution and includes a 3M adhesive backing for straightforward surface mounting.

The strip operates at 12VDC and consumes 4.8W per meter, delivering 360 lumens per meter with a CRI of 95 for accurate color rendering. Rated for use in ambient temperatures down to -20°C, it carries an IP20 environmental rating and an L70 lifetime of 50,000 hours.

This product carries CE, RoHS, and UL listings and is backed by a 3-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	360 lm
Color Temperature	5,000 K
CRI	95
Beam Angle	180°
LED Chip Type	SMD2835
LED Density	60 LEDs/m
LED Lifetime	50,000 h

MECHANICAL

Length *	5 m 16.4 ft
Mounting	3M Adhesive Backing

ORDERING

Warranty	3 y
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ELECTRICAL

Operating Voltage	12 V
Wattage	4.8 W

ENVIRONMENTAL

IP Rating	IP20
Ambient Operating Temperature	-20 °C -4 °F

CERTIFICATIONS & COMPLIANCE



CE



RoHS Compliant



UL Listed

APPLICATIONS

- Under-cabinet task lighting
- Cove and accent lighting
- Display case and shelf lighting
- Architectural cove lighting
- Signage and channel letter backlighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	360 lm	db	high
cct_k	5,000 K	pdf	high
cri	95	db	high
beam_angle_deg	180°	db	high
led_chip_type	SMD2835	db	high
led_density	60 LEDs/m	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	12 V	db	high
wattage	4.8 W	db	high
length	5 m	pdf	low
mount_type	3M Adhesive Backing	pdf	medium
ip_rating	IP20	pdf	high
ambient_temp_c	-20 °C	db	high
warranty_years	3 y	db	high

* Value inferred from source data; verify before specification.
Specifications subject to change without notice.