



LED Strip Light, SMD2835, 6000K, CRI 95, 12VDC, 4.8W/m, IP20, 5m Reel

- SMD2835 LED chips mounted on 8mm FPC substrate
- Outputs 360 lm/m at CRI 95 for accurate color rendering
- Operates at 12VDC, drawing 4.8W per meter
- 180° beam angle for wide light distribution
- IP20 rated for dry indoor environments only
- Rated 50,000-hour LED lifetime with 3-year warranty

OVERVIEW

The M-28N-60-60K-UL-CRI97 is a 6000K daylight LED strip light designed for indoor accent, task, and general illumination applications. Built on an 8mm FPC substrate with SMD2835 LEDs and 3M adhesive backing, it installs cleanly on flat surfaces and ships in a 5-meter roll.

The strip operates at 12VDC, consuming 4.8W per meter and delivering 360 lumens per meter at a CRI of 95 with a 180° beam angle, making it suitable for applications where accurate color rendering is a priority. The IP20 rating limits use to dry indoor environments, and the LEDs carry a 50,000-hour rated lifetime.

The strip is CE and RoHS compliant and UL Listed, with a 3-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	360 lm
CRI	95
Beam Angle	180°
LED Chip Type	SMD2835
LED Lifetime	50,000 h

MECHANICAL

Length	5 m 16.4 ft
Strip Width	8 mm 0.31 in
Material	FPC
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

CE

RoHS

RoHS Compliant

UL

UL Listed

APPLICATIONS

- Cove lighting
- Under-cabinet lighting
- Retail display accent lighting
- Architectural coves
- Task lighting in dry indoor spaces

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	360 lm	db	high
cri	95	db	high
beam_angle_deg	180°	db	high
led_chip_type	SMD2835	db	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	high
strip_width	8 mm	pdf	high
material	FPC	pdf	medium
mount_type	3M Adhesive Backing	pdf	high
ip_rating	IP20	pdf	high
ambient_temp_c	-20 °C	db	high
warranty_years	3 y	db	high

Specifications subject to change without notice.