



SMD2835 LED Strip Light, 4.8W/m, 4000K, CRI 95, 12VDC, IP20

- SMD2835 chip LEDs at 60 LEDs per meter density
- 4.8W/m power draw on 12VDC input
- CRI 95 rating for high color accuracy at 4000K
- 360 lm/m luminous output across a 5m roll
- 50,000-hour rated LED lifetime
- IP20 rated for dry indoor use, UL Listed

OVERVIEW

The M-28N-60-40K-UL-CRI97 is a 4.8W/m LED strip light built for commercial and residential accent, task, and general illumination applications where accurate color rendering matters. Each 5-meter roll uses 60 SMD2835 chips per meter on an 8mm FPC circuit board with 3M adhesive backing for direct surface mounting.

The strip operates on 12VDC and outputs 360 lm/m at a 4000K neutral white color temperature with a CRI 95 rating. Rated LED lifetime is 50,000 hours, and the strip carries an IP20 environmental rating with an ambient operating range down to -20°C, suitable for dry indoor locations.

The product is UL Listed, CE, and RoHS compliant per available product data, and is backed by a 3-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	360 lm
Color Temperature	4,000 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
Strip Width	8 mm 0.31 in
Material	20Z FPC
Mounting	3M Adhesive Backing

ELECTRICAL

Operating Voltage	12 V
Wattage	4.8 W

ENVIRONMENTAL

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

ORDERING

Warranty

3 y

CERTIFICATIONS & COMPLIANCE

CE

CE

RoHS

RoHS Compliant

UL

UL Listed

APPLICATIONS

- Cove lighting
- Display case illumination
- Architectural accent lighting
- Under-cabinet task lighting
- General indoor ambient lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	360 lm	db	high
cct_k	4,000 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	medium
strip_width	8 mm	pdf	medium
material	2OZ FPC	pdf	medium
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

Specifications subject to change without notice.