



CRI 95 LED Strip Light 4.8W/m 5000K
24VDC SMD2835 IP20 UL Listed

- SMD2835 LED chips deliver 360 lumens per meter at 5000K
- 4.8W per meter power draw on a 24VDC input
- CRI 95 for accurate color rendering in retail and task settings
- 2oz copper 8mm FPC substrate for improved thermal performance
- 3M adhesive backing on a 5m reel for direct-mount installation
- CE, RoHS, and UL Listed compliance with 3-year warranty

OVERVIEW

The M-28N-60-50K-24V-UL-CRI97 is a 5000K daylight LED strip light built on SMD2835 LEDs, designed for commercial and architectural lighting applications where color accuracy is a priority. The 8mm FPC substrate features a 2oz copper layer for improved thermal performance and long-term reliability, with 3M adhesive backing for straightforward installation on a 5m reel.

This strip operates at 24VDC and draws 4.8W per meter while delivering 360 lumens per meter with 60 LEDs per meter. The high CRI of 95 makes it well-suited for retail displays, task lighting, and any environment where accurate color rendering is critical. Rated IP20 and rated for 50,000 hours of operation.

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

SPECIFICATIONS

OPTICAL

Luminous Flux	360 lm
Color Temperature	5,000 K
CRI	95
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	2oz copper FPC
Mounting	3M adhesive backing

ORDERING

Warranty	3 y
----------	-----

ELECTRICAL

Operating Voltage	24 V
Wattage	4.8 W

ENVIRONMENTAL

IP Rating	IP20
-----------	------

CERTIFICATIONS & COMPLIANCE

CE

CE

RoHS

RoHS Compliant

UL

UL Listed

APPLICATIONS

Retail display lighting

Under-cabinet task lighting

Architectural cove lighting

Showcase and museum lighting

Commercial accent lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	360 lm	db	high
cct_k	5,000 K	pdf	high
cri	95	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	24 V	db	high
wattage	4.8 W	db	high
length	5 m	pdf	high
strip_width	8 mm	pdf	high
material	2oz copper FPC	pdf	medium
mount_type	3M adhesive backing	pdf	high
ip_rating	IP20	pdf	high
warranty_years	3 y	db	high

Specifications subject to change without notice.