



Indoor CCT LED Strip Light, SMD2835, 12V 48W, 2700K-6500K, 5m Roll

- SMD2835 double-chip LEDs for tunable 2700K-6500K color temperature
- 12VDC operation drawing 48W across the 5m reel
- 120 LEDs distributed over the full 5-meter length
- 10mm strip width fits standard aluminum extrusion channels
- Integrated adhesive backing for direct surface mounting
- IP20 rated for dry indoor environments only

OVERVIEW

The M-28N-120-CCT is an indoor CCT LED strip light built on SMD2835 double-chip technology, allowing color temperature adjustment across a range of 2700K to 6500K from a single strip. Designed for commercial and residential interior applications, it is suited for cove lighting, display illumination, and general architectural accent work where tunable white output is required.

The strip operates at 12VDC and draws 48W over its 5-meter length, with a density of 120 LEDs per roll. The PCB measures 10mm in width, making it compatible with standard aluminum extrusion channels. An integrated adhesive backing is included for surface mounting. The IP20 rating limits use to dry indoor environments only.

SPECIFICATIONS

OPTICAL

Color Temperature	2,700–6,500 K
CRI	80
LED Chip Type	SMD2835
LEDs per Segment	120
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	(W)10mm*(L)5m
Length	5 m 16.4 ft
Strip Width	10 mm 0.39 in
Finish	White
Mounting	Adhesive backing

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	12 V
Wattage	48 W

ENVIRONMENTAL

IP Rating	IP20
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APPLICATIONS

- Cove lighting
- Display case illumination
- Architectural accent lighting
- Under-cabinet lighting
- Interior signage backlighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
cct_k	2,700–6,500 K	pdf	high
cri	80	db	high
led_chip_type	SMD2835	db	high
leds_per_segment	120	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	12 V	db	high
wattage	48 W	db	high
product_dimensions	(W)10mm*(L)5m	db	high
length	5 m	pdf	high
strip_width	10 mm	pdf	high
finish	White	db	high
mount_type	Adhesive backing	pdf	medium
ip_rating	IP20	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

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