



COB LED Strip Light, 480 LEDs/m, 9 W/m, 3000K, CRI 90, IP20, 5 m Reel, UL Listed

- Dotless COB emitter array at 480 chips per meter
- 9 W per meter draw with 90-100 lm/W efficacy
- 3000K output with CRI above 90 for color-critical interiors
- 8 mm white PCB with 25 mm minimum cuttable length
- 5 m reel length, IP20 rated for dry indoor locations
- UL Listed and lead-free SMT construction to RoHS

OVERVIEW

A dotless COB single-color strip light built on an 8 mm wide flexible PCB and supplied on 5 m reels. The continuous emitting surface eliminates visible diodes and multi-shadowing, making it suited to cove details, display cases, millwork and other sightline-exposed linear runs in dry interior spaces.

The strip draws 9 W per meter at 12 V DC with a density of 480 chips per meter, delivering 90-100 lm/W at 3000K with CRI above 90 and a 180-degree emitting angle. Rated IP20 for indoor use, it operates from -20 to +45 C at 40-70% RH with a 50,000-hour LED life. Field cuts can be made every 25 mm, and PWM control is supported.

Manufactured with lead-free SMT to RoHS and UL Listed. Backed by a 3-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	100 lm
Efficacy *	100 lm/W
Color Temperature	3,000 K
CRI	90
Beam Angle	180°
LED Chip Type	COB
LED Density	480 LEDs/m
LED Lifetime	50,000 h
Light Color	White

ELECTRICAL

Operating Voltage	24 V
Wattage	9 W
Dimmer Type	PWM

MECHANICAL

Product Dimensions	5000 * 8 mm
Length	5 m 16.4 ft
Strip Width	8 mm 0.31 in
Minimum Cut Length	25 mm 0.98 in
Finish	White

ORDERING

Warranty	3 y
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ENVIRONMENTAL

IP Rating	IP20
Ambient Operating Temperature	-20-45 °C -4-113 °F
Operating Humidity	40% - 70% RH

DIMENSIONS & DIAGRAMS

Emitting Angle	180 °	Operating t
Luminous flux	90-100lm/w	Operating h
		Waterproof

DIMENSIONS

CERTIFICATIONS & COMPLIANCE

RoHS

RoHS Compliant

UL

UL Listed

APPLICATIONS

- Cove and ceiling coffer lighting
- Retail display cases and shelving
- Cabinet and millwork accent runs
- Handrail and stair nosing illumination
- Signage and channel letter backlighting

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slug	value	source	confidence
lumens	100 lm	pdf	high
efficacy_lm_per_w	100 lm/W	pdf	low
cct_k	3,000 K	db	high
cri	90	both	high
beam_angle_deg	180°	both	high
led_chip_type	COB	pdf	high
led_density	480 LEDs/m	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	24 V	pdf	high
wattage	9 W	pdf	high
dimmer_type	PWM	pdf	medium
product_dimensions	5000 * 8 mm	pdf	high
length	5 m	db	high
strip_width	8 mm	pdf	high
min_cut_length	25 mm	pdf	high

slug	value	source	confidence
finish	White	db	high
ip_rating	IP20	both	high
ambient_temp_c	-20-45 °C	db	high
operating_humidity	40% - 70% RH	pdf	high
warranty_years	3 y	db	high

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

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