



COB LED Strip Light, 480 chips/m, 9 W/m, 3000 K, IP20, 24 V DC, 5 m Reel

- 480 COB chips per meter for dotless, shadow-free output
- 9 W/m draw at 24 V DC with 0.375 A/m input current
- CRI above 90 at 3000 K with 180 degree emitting angle
- 8 mm wide PCB, 3.2 mm profile, cuttable every 50 mm
- UL Listed, file E346797, with lead-free RoHS SMT construction
- Rated 50,000 hours and -20 to +45 C operating range

OVERVIEW

A dotless COB LED strip on an 8 mm flexible PCB, supplied on 5 m reels for continuous linear illumination in coves, millwork, display casework and architectural recesses. The IP20 non-waterproof construction suits dry interior locations.

The 480 chip/m COB emitter array draws 9 W/m at 24 V DC with an input current of 0.375 A/m, delivering 100 lm/W at 3000 K with CRI above 90 and a 180 degree emitting angle. The strip cuts in 50 mm increments at 24 V and operates from -20 to +45 C at 40 to 70 percent RH, with a rated life of 50,000 hours.

UL Listed under file E346797 and built with lead-free RoHS SMT processing. Covered 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
Current Draw	0.38 A
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	1.96 mm 0.08 in
Finish	White

ORDERING

Warranty	3 y
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ENVIRONMENTAL

IP Rating	IP20
Environmental Rating	Non - Waterproof
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 recesses
- Retail display casework
- Under - cabinet and millwork lighting
- Architectural accent channels
- Interior signage and lightboxes

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	100 lm	pdf	high
efficacy_lm_per_w	100 lm/W	db	high
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
current_draw	0.38 A	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

slug	value	source	confidence
min_cut_length	1.96 mm	db	high
finish	White	db	high
ip_rating	IP20	both	high
environmental_rating	Non - Waterproof	db	high
ambient_temp_c	- 20~45 °C	db	high
operating_humidity	40% - 70% RH	pdf	high
warranty_years	3 y	db	high

Specifications subject to change without notice.

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