



COB LED Strip Light, 480 LEDs/m, 9 W/m, 6000K, CRI 90, IP20, 5 m Reel, UL Listed

- 480 COB chips per meter on an 8 mm PCB for dotless output
- 9 W/m draw at 12 V DC with 100 lm/W efficacy
- 6000K color temperature with CRI above 90
- 180-degree emitting angle and 50 mm minimum cut length
- 5 m reel length, IP20 non-waterproof construction
- UL Listed and RoHS compliant with 50,000-hour rated life

OVERVIEW

A single-color COB LED strip light built on an 8 mm flexible PCB with 480 chips per meter for a dotless, shadow-free line of light. The IP20, non-waterproof construction suits interior coves, recessed channels and extruded aluminum profiles in commercial and architectural interiors.

Output is 6000K with a CRI above 90 and a 180-degree emitting angle, drawing 9 W per meter at 12 V DC with efficacy of 100 lm/W and a rated life of 50,000 hours. Reels ship at 5 m with a 50 mm minimum cut length, and PWM control is supported. Rated for ambient temperatures from -20 to 45 degrees C and 40 to 70 percent RH.

UL Listed and RoHS compliant, with a 3-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	100 lm
Efficacy	100 lm/W
Color Temperature	6,000 K
Selectable CCT *	Single Color
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	50 mm 1.97 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 t
		Waterproof

DIMENSIONS

CERTIFICATIONS & COMPLIANCE

RoHS

RoHS Compliant

UL

UL Listed

APPLICATIONS

- Cove and ceiling recesses
- Retail display casework
- Under-cabinet and millwork lighting
- Aluminum extrusion channel runs
- Corridor and lobby accent detailing

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	100 lm	pdf	high
efficacy_lm_per_w	100 lm/W	db	high
cct_k	6,000 K	db	high
cct_selectable	Single Color	db	low
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	medium
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	50 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

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

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