



COB LED Strip Light, 384 LEDs/m, 8 W/m, 3500K, 24V DC, IP20, CRI 90

- COB emitter array at 384 chips per meter for dotless output
- 8 W/m load at 0.25 A/m on a 24V DC constant-voltage circuit
- CRI 90 at 3500K with a 180-degree emitting angle
- 5,000 mm roll on an 8 mm PCB, cuttable every 41.67 mm
- Lead-free SMT construction compliant with RoHS
- Rated for -20 to +45 degrees C and 40-70 percent RH

OVERVIEW

This 24V DC COB LED strip light is built for continuous-run architectural and commercial installations. Its high chip density and 8 mm PCB produce a dotless, multi-shadow-free line of light suited to cove lighting, display illumination, and accent detailing.

The strip draws 8 W per meter at 0.25 A/m, delivers 3500K light at CRI 90, and emits over a 180-degree angle with an efficacy of 90-100 lm/W. Supplied 5 meters per roll on an 8 mm wide board, it is cuttable every 41.67 mm and rated IP20 for dry indoor locations. Operating range is -20 to +45 degrees C at 40-70 percent RH.

Lead-free SMT construction meets RoHS. Backed by a 3-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	100 lm
Efficacy *	100 lm/W
Color Temperature	3,500 K
CRI	90
Beam Angle	180°
LED Chip Type	COB
LED Density	384 LEDs/m
LED Lifetime	5,000 h

MECHANICAL

Product Dimensions	5000 * 8 mm
Length	5 m 16.4 ft
Strip Width	8 mm 0.31 in
Minimum Cut Length	41.67 mm 1.64 in

ORDERING

Warranty	3 y
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ELECTRICAL

Operating Voltage	24 V
Wattage	6 W
Current Draw	0.25 A

ENVIRONMENTAL

IP Rating	IP20
Environmental Rating	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 Compliant

APPLICATIONS

- Cove and perimeter lighting
- Retail display and casework illumination
- Architectural accent detailing
- Millwork and under - cabinet runs
- Commercial interior linear lighting

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slug	value	source	confidence
lumens	100 lm	pdf	high
efficacy_lm_per_w	100 lm/W	pdf	low
cct_k	3,500 K	db	high
cri	90	pdf	high
beam_angle_deg	180°	pdf	high
led_chip_type	COB	pdf	high
led_density	384 LEDs/m	db	high
led_lifetime_h	5,000 h	db	high
operating_voltage	24 V	pdf	high
wattage	6 W	pdf	high
current_draw	0.25 A	pdf	high
product_dimensions	5000 * 8 mm	pdf	high
length	5 m	pdf	high
strip_width	8 mm	pdf	high
min_cut_length	41.67 mm	pdf	high
ip_rating	IP20	pdf	high
environmental_rating	Waterproof	db	high
ambient_temp_c	-20-45 °C	pdf	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.