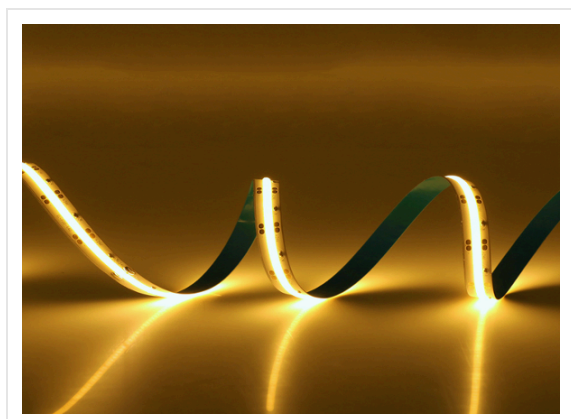




COB LED Strip Light, 480 LEDs/m, 24V, 9W/m, 1800K, CRI 90, IP20, 5 m Reel

- COB emitter array at 480 chips/m for a dotless output surface
- 8 mm wide flexible PCB, 5000 mm reel length
- 24 V DC input at 9 W/m, 0.42 A/m current draw
- 1800 K output with CRI 90 and 180 degree emitting angle
- Cuttable in 50 mm increments for field-length runs
- UL Listed, IP20, 50,000 hour rated LED life

OVERVIEW

COB Series single-color LED strip light built on an 8 mm flexible PCB with a dotless 480 chip/m emitter layout, supplied on 5 m reels. The continuous emitting surface suits cove lighting, millwork integration and aluminum extrusion runs where individual LED shadowing is unacceptable.

The strip operates on 24 V DC at 9 W/m, drawing 0.42 A/m, and delivers up to 1000 lm/m at 1800 K with CRI 90 across a 180 degree emitting angle. Minimum cuttable length is 50 mm, and the IP20 construction is rated for ambient temperatures from -20 to 45 degrees C and 40 to 70 percent RH. Rated LED life is 50,000 hours.

UL Listed. Covered by a 3 year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	1,000 lm
Color Temperature	1,800 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	0.42 A
Dimmer Type	PWM

MECHANICAL

Product Dimensions	5000 * 8mm
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
Ambient Operating Temperature	-20-45 °C -4-113 °F
Operating Humidity	40% - 70% RH

DIMENSIONS & DIAGRAMS

Emitting Angle	180 °	Operating t
Luminous flux	800-1000LM/M	Operating h
		Waterproof
Distributed by: Poli Led & Signs Web: www.poliledsigns.com Tel: +13054688986 Email: sales@poliledsigns.com Address: 1574 NW 108th Ave , Miami, FL 33172		

DIMENSIONS

CERTIFICATIONS & COMPLIANCE



APPLICATIONS

- Cove and ceiling perimeter lighting
- Under-cabinet and millwork integration
- Retail display and shelf illumination
- Aluminum extrusion linear runs
- Hospitality accent lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	1,000 lm	pdf	high
cct_k	1,800 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	0.42 A	pdf	high
dimmer_type	PWM	pdf	medium
product_dimensions	5000 * 8mm	pdf	high
length	5 m	db	high
strip_width	8 mm	pdf	high
min_cut_length	50 mm	pdf	high

slug	value	source	confidence
finish	White	db	high
ip_rating	IP20	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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