



COB CCT Tunable LED Strip, 640 LEDs/m, 14 W/m, 24 VDC, 2700K-6500K, IP20, UL Listed

- 640 COB chips per meter for dotless, multi-shadow-free output
- 14 W/m at 0.58 A/m on a 24 VDC constant-voltage supply
- Tunable color temperature from 2700 K to 6500 K via PWM control
- CRI 90 rendering with a 180-degree emitting angle
- 10 mm white flexible PCB supplied in 5 m rolls, cuttable at 23.8 mm
- UL Listed and backed by a 3-year warranty

OVERVIEW

A tunable-white COB LED strip light on a 10 mm white flexible PCB, supplied on 5 m reels for continuous, dotless linear illumination. The IP20 construction suits dry interior coves, cabinetry, display cases and architectural recesses where a shadow-free line of light is required.

The strip carries 640 COB chips per meter and draws 14 W/m at 0.58 A/m from a 24 VDC supply, with a 180-degree emitting angle and CRI 90 rendering. Color temperature tunes from 2700 K to 6500 K under PWM control. Operating range is -20 to +45 degrees C at 40 to 70 percent RH, and the strip can be cut in 23.8 mm increments.

UL Listed, with a 3-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	100 lm
Efficacy	14 lm/W
Color Temperature	2,700K / 6,500K
Selectable CCT *	CCT
CRI	90
Beam Angle	180°
LED Chip Type	COB
LED Density	640 LEDs/m

ELECTRICAL

Operating Voltage	24 V
Wattage	14 W
Current Draw	0.58 A
Dimmer Type	PWM

MECHANICAL

Product Dimensions	5000 * 10 mm
Length	5 m 16.4 ft
Strip Width	10 mm 0.39 in
Minimum Cut Length	23.8 mm 0.94 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°	Operatin temperature	-20 --+45°C
Luminous flux	80-100LM/W	Operatin humidity	40%-70%RH

DIMENSIONS

CERTIFICATIONS & COMPLIANCE



UL Listed

APPLICATIONS

- Architectural cove and ceiling recesses
- Retail display cases and shelving
- Under-cabinet and millwork lighting
- Hospitality guestroom accent lighting
- Signage and backlit panel interiors

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	100 lm	pdf	high
efficacy_lm_per_w	14 lm/W	db	high
cct_k	2,700K / 6,500K	both	high
cct_selectable	CCT	db	low
cri	90	both	high
beam_angle_deg	180°	pdf	high
led_chip_type	COB	pdf	high
led_density	640 LEDs/m	db	high
operating_voltage	24 V	pdf	high
wattage	14 W	pdf	high
current_draw	0.58 A	pdf	high
dimmer_type	PWM	pdf	high
product_dimensions	5000 * 10 mm	pdf	high
length	5 m	db	high
strip_width	10 mm	pdf	high
min_cut_length	23.8 mm	db	high
finish	White	db	high
ip_rating	IP20	db	high

slug	value	source	confidence
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.

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