



COB LED Strip Light, 528 LEDs/m, 24 V DC, 3000 K, CRI 90, IP20, 5 m Reel, Cut Anywhere

- Dotless COB format at 528 chips per meter for shadow-free runs
- 5 W/m draw at 24 V DC, 1.05 A total per 5 m reel
- 3000 K single-color output at CRI 90 and 60 lm/W
- 5 mm wide flexible PCB, cuttable at any point
- IP20 non-waterproof rating for dry interior locations
- UL Listed file E346797 with CE and RoHS compliance

OVERVIEW

LUMIPRO COB free-cut strip light is a single-color linear LED source on a 5 mm wide PCB, supplied on 5 m reels. The dotless COB emitter format avoids multi-shadow artifacts, making it suited to cove details, display cases, undercabinet runs and architectural reveals in dry interior locations.

The strip draws 5 W per meter at 24 V DC with a total current draw of 1.05 A, delivering 3000 K light at CRI 90 and an efficacy of 60 lm/W across a 180 degree beam. Rated IP20 and non-waterproof, it operates from -20 to 45 degrees C at 40 to 70 percent RH, with rated LED life of 50,000 hours. The flexible PCB can be cut anywhere along its length.

UL Listed under file E346797, with CE and RoHS compliance and a 3-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	60 lm
Efficacy	60 lm/W
Color Temperature	3,000 K
Selectable CCT *	Single Color
CRI	90
Beam Angle	180°
LED Chip Type	COB
LED Density	528 LEDs/m
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Product Dimensions	5000 * 5 mm
Length	5 m 16.4 ft
Strip Width	5 mm 0.20 in
Minimum Cut Length *	Freecut
Finish	White
Material	PCB

ELECTRICAL

Operating Voltage	24 V
Wattage	5 W
Maximum Current	1.05 A

ENVIRONMENTAL

IP Rating	IP20
Environmental Rating	Non-Waterproof
Ambient Operating Temperature	-20-45 °C -4-113 °F
Operating Humidity	40-70% RH

COMPLIANCE

UL File Number E346797

ORDERING

Warranty 3 y

DIMENSIONS & DIAGRAMS

Emitting Angle	180 °	Operating t
Luminous flux	50-60lm/w	Operating h
		Waterproof

DIMENSIONS

CERTIFICATIONS & COMPLIANCE

RoHS

RoHS Compliant

CE

CE

UL

UL Listed
E346797

APPLICATIONS

- Cove and ceiling reveals
- Retail display cases
- Undercabinet and millwork lighting
- Architectural accent details
- Hospitality interior trim

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	60 lm	pdf	high
efficacy_lm_per_w	60 lm/W	db	high
cct_k	3,000 K	both	high
cct_selectable	Single Color	db	low
cri	90	both	high
beam_angle_deg	180°	both	high
led_chip_type	COB	db	high
led_density	528 LEDs/m	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	24 V	pdf	high
wattage	5 W	pdf	high
current_draw	1.05 A	db	high
product_dimensions	5000 * 5 mm	pdf	high
length	5 m	db	high
strip_width	5 mm	pdf	high
min_cut_length	Freecut	db	low
finish	White	db	high
material	PCB	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
ul_file_number	E346797	db	high
warranty_years	3 y	db	high

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