



Outdoor COB LED Strip, 480 chips/m, 10 W/m, 3000K, IP67, 24 V DC, 5 m Reel

- COB emitter array at 480 chips/m for dot-free output
- IP67 silicone tube and glue sealing for wet locations
- 10 W/m draw on DC 24 V constant-voltage supply
- 3000K white at CRI 90 and 100 lm/W efficacy
- 8 mm double-layer PCB, cuttable every 50 mm
- UL Listed file E539769, CE and RoHS compliant

OVERVIEW

An IP67-rated COB LED strip built on an 8 mm double-layer PCB and sealed in a silicone tube with end glue for damp, wet and exposed locations. The 5 m reel suits cove details, canopy soffits, sign cabinets and architectural perimeter runs where a continuous, dot-free line of light is required.

The 480 chips/m COB emitter array draws 10 W/m at DC 24 V and delivers a 180-degree beam with CRI 90 and 100 lm/W efficacy at 3000K. Rated LED life is 50,000 hours, with an operating range of -25 to +45 degrees C. The run can be shortened at 50 mm intervals along the marked cut lines.

UL Listed under file E539769, and CE and RoHS compliant. Backed by a 3-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	120 lm
Efficacy	100 lm/W
Color Temperature	3,000 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	10 W

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
Weight	0.22 lb

COMPLIANCE

UL File Number	E539769
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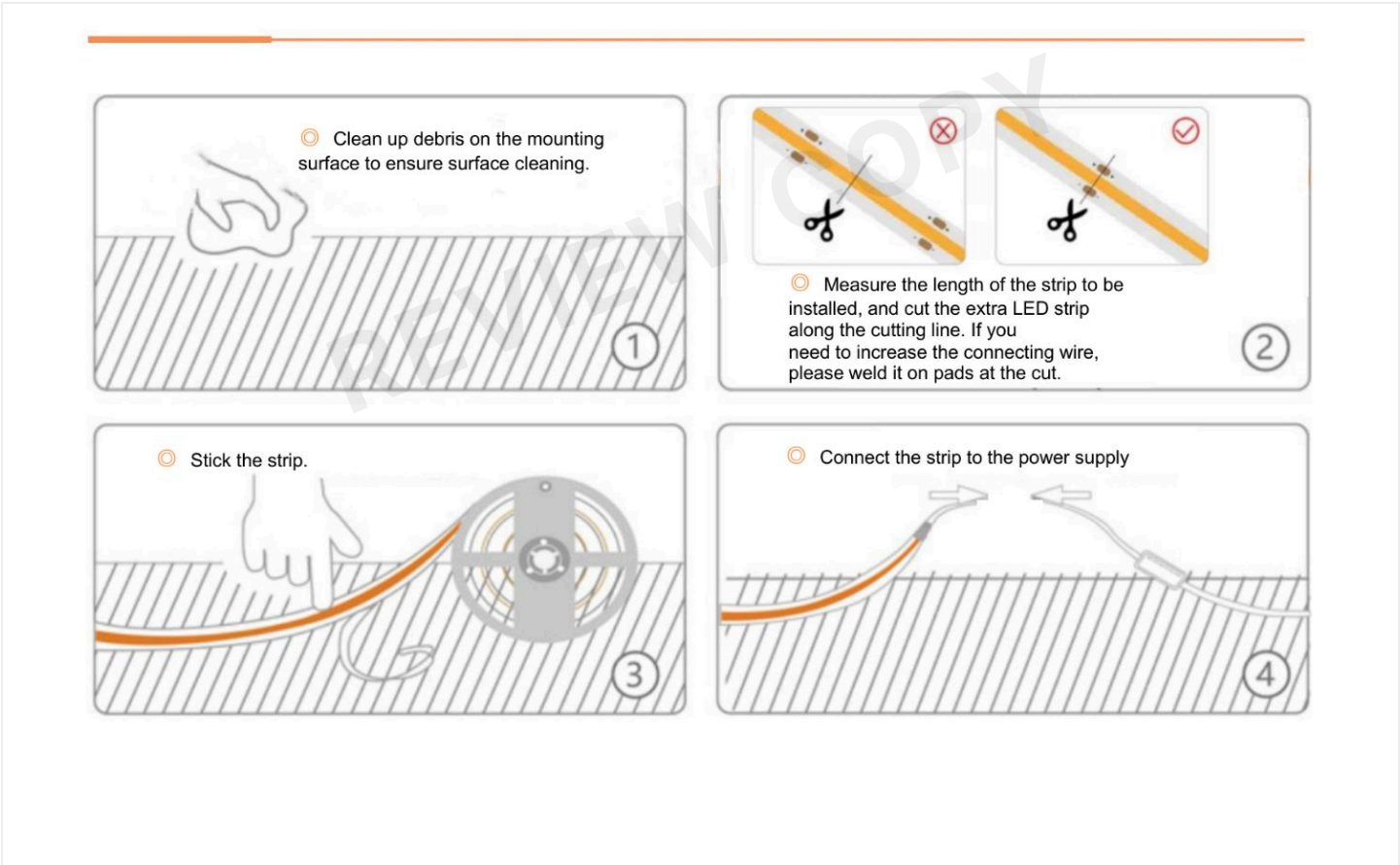
ENVIRONMENTAL

IP Rating	IP67
Environmental Rating	Waterproof
Ambient Operating Temperature	-25 °C -13 °F

ORDERING

Warranty	3 y
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DIMENSIONS & DIAGRAMS



INSTALLATION

CERTIFICATIONS & COMPLIANCE

RoHS

RoHS Compliant

UL

UL Listed
E539769

CE

CE

APPLICATIONS

- Cove and perimeter architectural lighting
- Exterior canopy and soffit detailing
- Illuminated sign cabinets and channel letters
- Landscape and hardscape accent runs
- Wet-location display and casework lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	120 lm	pdf	high
efficacy_lm_per_w	100 lm/W	db	high
cct_k	3,000 K	db	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	480 LEDs/m	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	24 V	pdf	high
wattage	10 W	pdf	high
product_dimensions	5000×8 mm	db	high
length	5 m	db	high
strip_width	8 mm	pdf	high
min_cut_length	50 mm	db	high
finish	White	db	high
weight	0.22 lb	pdf	high
ip_rating	IP67	db	high
environmental_rating	Waterproof	db	high
ambient_temp_c	-25 °C	db	high
ul_file_number	E539769	db	high
warranty_years	3 y	db	high

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