



COB SPI Digital LED Strip, WS2811, 360 LEDs/m, 12 W/m, 6000 K, IP20, 24 V DC, 5 m Reel

- 360 COB chips per meter for dot-free continuous illumination
- WS2811 addressable ICs for sequential running-water effects
- 750 lm per meter at 12 W per meter, CRI above 90
- 180-degree beam angle on a 10 mm double-layer 2 oz PCB
- 5 m reel with 83.33 mm minimum cut increment
- UL, CE and RoHS approved, UL file E539769

OVERVIEW

This addressable COB LED strip uses WS2811 control ICs to produce sequential running-water effects in a single 6000 K color. The 10 mm double-layer 2 oz PCB and 4 mm profile suit coves, reveals, display casework and architectural accent runs in dry interior locations.

Continuous COB emitters at 360 chips per meter deliver 750 lm/m at 12 W/m with a 180-degree beam angle and CRI above 90, minimizing visible dotting. The strip ships on 5 m reels, cuts at 83.33 mm increments, carries an IP20 non-waterproof rating and operates from -25 C to +45 C on 24 V DC.

UL, CE and RoHS approved, under UL file E539769, with a 3-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	750 lm
Color Temperature	6,000 K
Selectable CCT *	Single Color
CRI	90
Beam Angle	180°
LED Chip Type	COB
LED Density	360 LEDs/m
LED Lifetime	26,280 h
Light Color	White

ELECTRICAL

Operating Voltage	24 V
Wattage	12 W

MECHANICAL

Product Dimensions	5000×10×4 mm
Length	5 m 16.4 ft
Strip Width	10 mm 0.39 in
Minimum Cut Length	83.33 mm 3.28 in
Finish	White
Weight	0.29 lb

COMPLIANCE

UL File Number	E539769
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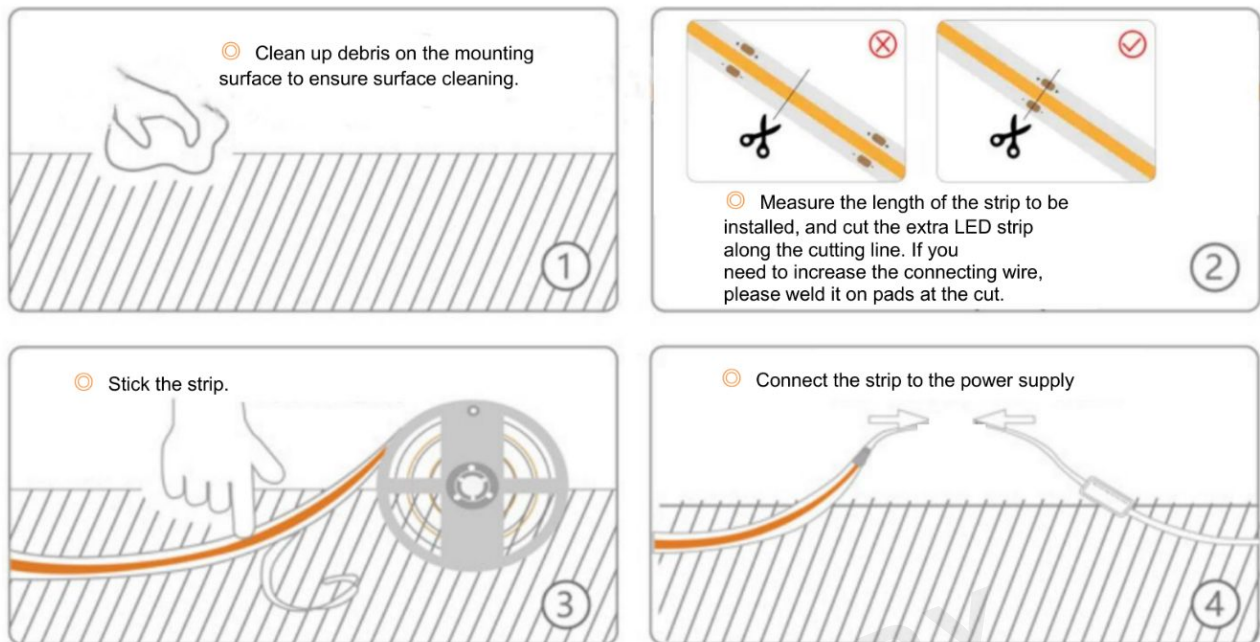
ENVIRONMENTAL

IP Rating	IP20
Environmental Rating	Non - Waterproof
Ambient Operating Temperature	-25 °C -13 °F

ORDERING

Warranty	3 y
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REVIEW COPY



Caution!!! specially pay attention to the direction guide mark of the current on the strip!

CERTIFICATIONS & COMPLIANCE

RoHS

RoHS Compliant

UL

UL Listed
E539769

CE

CE

APPLICATIONS

- Architectural cove and reveal lighting
- Retail display casework
- Commercial millwork and shelving accents
- Hospitality feature walls
- Signage and channel letter backlighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	750 lm	both	high
cct_k	6,000 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	360 LEDs/m	db	high
led_lifetime_h	26,280 h	db	high
color	White	db	high
operating_voltage	24 V	pdf	high
wattage	12 W	pdf	high
product_dimensions	5000×10×4 mm	db	high
length	5 m	db	high
strip_width	10 mm	pdf	high
min_cut_length	83.33 mm	db	high
finish	White	db	high
weight	0.29 lb	pdf	high
ip_rating	IP20	both	high
environmental_rating	Non - 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.