



Dual Row LED Strip Light, SMD5630, 240 LEDs/m, 5000K, 38.4W/m, 24V DC, IP20

- SMD5630 dual row layout at 240 LEDs per meter
- 38.4 W per meter draw on 24 V DC low-voltage supply
- 3,460 lm per meter output at 90 lm/W efficacy
- 5000K color temperature with CRI of 90
- 3 oz thick PCB, cuttable and solderable every 50 mm
- UL and RoHS approved with a 3 year warranty

OVERVIEW

The M-56N-240-5K-24V is a dual row flexible LED strip light built on a 3 oz copper PCB with SMD5630 emitters at 240 LEDs per meter. Supplied on 5 m reels measuring 5000 × 15 mm in a white finish, it suits cove, cabinet and task lighting in residential and commercial interiors where a dry, non-waterproof location is available.

The strip operates on 24 V DC and draws 38.4 W per meter, producing 3,460 lm per meter at 90 lm/W with a 120 degree beam angle. Color temperature is 5000K with CRI of 90, and the strip is cuttable every 50 mm and solderable at the cut marks. Rated IP20, it operates from -25 C to +45 C with a rated LED life of 26,280 hours and accepts 0-10V dimming control.

UL and RoHS approved, with a 3 year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	60 lm
Efficacy	90 lm/W
Color Temperature	5,000 K
Selectable CCT *	Single Color
CRI	90
Beam Angle	120°
LED Chip Type	SMD5630
LED Density	240 LEDs/m
LED Lifetime	26,280 h
Light Color	White

ELECTRICAL

Operating Voltage	24 V
Wattage	38.4 W
Dimmer Type	0 - 10V

MECHANICAL

Product Dimensions	5000*15mm
Length	5 m 16.4 ft
Strip Width	15 mm 0.59 in
Minimum Cut Length	1.96 mm 0.08 in
Finish	White

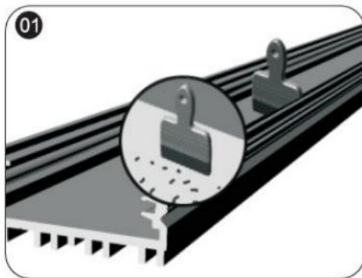
ORDERING

Warranty	3 y
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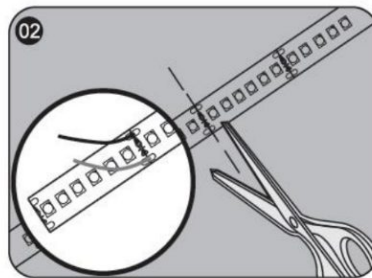
ENVIRONMENTAL

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

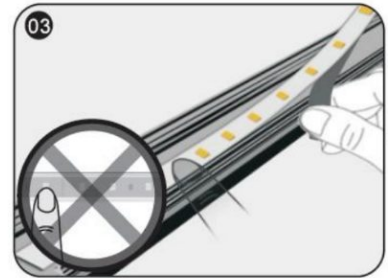
REVIEW COPY



- Clean up debris on the mounting surface to ensure surface cleaning



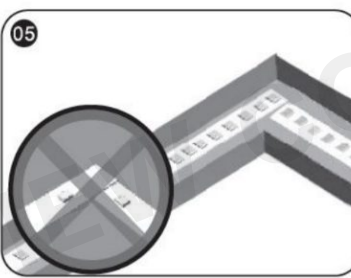
- Measure the length of the strip to be installed, and cut the extra LED strip along the scissors marking line. If you need to increase the connecting wire, please weld it at the next scissors mark at the cut.



- When attaching the led strip, be careful to peel while sticking. It is strictly forbidden to tear off all the release paper at once to prevent the led strip from sticking to each other.
△ Note: Do not press the lamp beads!



- The position of the led where scissors are in contact with the bottom of the section need to isolate with sticker tape, so as to avoid short circuit.



- The light strip at the corner is installed as shown above
△ Note: Do not fold into a right angle
Direct bending on the surface of the profile is strictly prohibited



- After the strip is installed, it is connected to the power output. Insulation, short - circuit protection and corrosion protection should be done at the terminals

CERTIFICATIONS & COMPLIANCE

RoHS

RoHS Compliant

UL

UL Listed

APPLICATIONS

- Cove and soffit lighting
- Under - cabinet and millwork lighting
- Retail display and shelving
- Office and task lighting
- Interior accent coves in dry locations

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	60 lm	both	high
efficacy_lm_per_w	90 lm/W	pdf	high
cct_k	5,000 K	both	high
cct_selectable	Single Color	db	low
cri	90	both	high
beam_angle_deg	120°	both	high
led_chip_type	SMD5630	db	high
led_density	240 LEDs/m	db	high
led_lifetime_h	26,280 h	db	high
color	White	db	high
operating_voltage	24 V	pdf	high
wattage	38.4 W	pdf	high
dimmer_type	0 - 10V	db	high
product_dimensions	5000*15mm	pdf	high
length	5 m	db	high
strip_width	15 mm	pdf	high
min_cut_length	1.96 mm	db	high
finish	White	db	high
ip_rating	IP20	both	high
environmental_rating	Non - Waterproof	db	high
ambient_temp_c	-25 °C	db	high
warranty_years	3 y	db	high

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