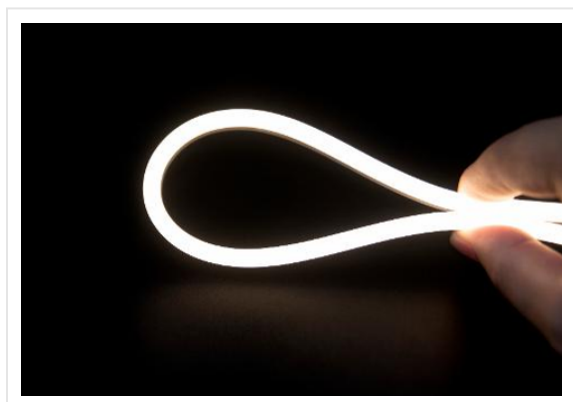




4mm Flexible LED Neon Strip, SMD 2835, 120 LEDs/m, 6 W/m, 12 V DC, 5000 K, IP67

- SMD 2835 emitters at 120 chips per meter on a double-layer PCB
- 6 W/m draw at 12 V DC with 0.5 A/m input current
- IP67 silicone jacket resistant to salt, acids, alkalis and UV
- 5000 K output at CRI 80 with a 120-degree beam angle
- Cuttable at 8.33 mm intervals for field-length runs
- UL Listed file E534271 and RoHS compliant, 3-year warranty

OVERVIEW

A 4 × 8 mm side-bend flexible LED neon strip supplied on 5 m rolls for cove lighting, signage returns, architectural outlines and other continuous linear runs. The silicone body carries a white finish and accepts fixed clips secured with M3 screws.

SMD 2835 emitters at 120 chips per meter draw 6 W/m at 12 V DC with a 0.5 A/m input current, producing 5000 K light at CRI 80 across a 120-degree beam angle. The strip cuts at 8.33 mm intervals, is rated IP67 for wet and corrosive environments, and operates from -20 to +45 degrees C with a rated life of 50,000 hours.

UL Listed under file E534271 and RoHS compliant, with a 3-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	25 lm
Color Temperature	5,000 K
CRI	80
Beam Angle	120°
LED Chip Type	SMD 2835
LED Density	120 LEDs/m
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	04*08mm
Length	5 m 16.4 ft
Minimum Cut Length	8.33 mm 0.33 in
Finish	White
Material	Food-grade silicone
Mounting	Fixed clip with M3 screws

ELECTRICAL

Operating Voltage	12 V
Wattage	6 W
Current Draw	0.5 A

ENVIRONMENTAL

IP Rating	IP67
Environmental Rating	Waterproof
Ambient Operating Temperature	-20-45 °C -4-113 °F
Operating Humidity	40%-70% RH

COMPLIANCE

UL File Number E534271

ORDERING

Warranty 3 y

DIMENSIONS & DIAGRAMS

Emitting Angle	120 °	Input Current	0.5 A/m	Operating ter
Luminous flux	25lm/w			Operating hu
Size	04*08mm			Waterproof g
Lighting Direction:	Side bend			

DIMENSIONS

CERTIFICATIONS & COMPLIANCE

RoHS

RoHS Compliant

UL

UL Listed
E534271

APPLICATIONS

- Architectural cove and ceiling detail lighting
- Channel letter and sign outlining
- Exterior building facade accents
- Retail display and shelf edge lighting
- Handrail and stair nosing illumination

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	25 lm	pdf	high
cct_k	5,000 K	db	high
cri	80	pdf	high
beam_angle_deg	120°	both	high
led_chip_type	SMD 2835	db	high
led_density	120 LEDs/m	db	high
led_lifetime_h	50,000 h	db	high
operating_voltage	12 V	pdf	high
wattage	6 W	pdf	high
current_draw	0.5 A	pdf	high
product_dimensions	04*08mm	pdf	high
length	5 m	pdf	high
min_cut_length	8.33 mm	db	high
finish	White	db	high
material	Food-grade silicone	pdf	high
mount_type	Fixed clip with M3 screws	pdf	high
ip_rating	IP67	both	high
environmental_rating	Waterproof	db	high
ambient_temp_c	-20-45 °C	pdf	high
operating_humidity	40% - 70% RH	pdf	high
ul_file_number	E534271	db	high
warranty_years	3 y	db	high

REVIEW COPY