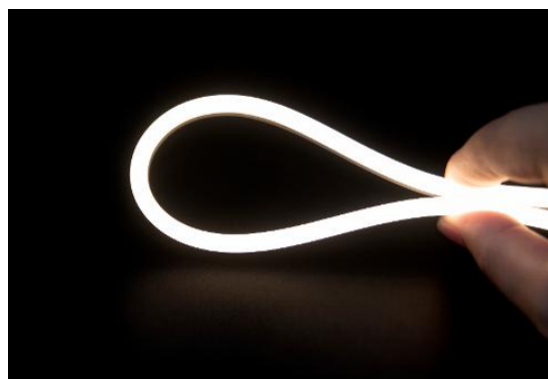




4mm Flexible LED Neon, SMD 2835, 120 LEDs/m, 6 W/m, 3000 K, IP67, 12 V DC

- SMD 2835 emitters at 120 chips per meter on double-layer PCB
- 6 W/m draw at 0.5 A/m on DC 12 V input
- 4 × 8 mm side-bend profile in food-grade silicone
- IP67 rated against saline solutions, acids, alkalis and UV
- Cuttable every 8.33 mm, supplied on 5 m rolls
- UL Listed with lead-free RoHS SMT construction

OVERVIEW

Side-bend flexible LED neon in a 4 × 8 mm silicone profile, supplied on 5 m rolls with a white finish. The compact cross section suits cove details, signage returns, handrails and other tight-radius linear runs indoors or in wet locations.

SMD 2835 emitters are spaced at 120 chips per meter and draw 6 W/m at 0.5 A/m on 12 V DC, producing 3000 K light at CRI 80 with a 120-degree beam angle. The run is cuttable at 8.33 mm intervals, rated IP67 against saline solutions, acids, alkalis, corrosive gases and UV, and rated for 50,000 hours. Operating range is -20 to +45 degrees C at 40 to 70 percent RH; minimum bend diameter is 300 mm.

UL Listed and built with lead-free RoHS-compliant SMT construction. Backed by a 3-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	25 lm
Color Temperature	3,000 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
Strip Width	4 mm 0.16 in
Minimum Cut Length	8.33 mm 0.33 in
Finish	White
Material	Silicone

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 temperature
Luminous flux	25lm/w			Operating humidity
Size	04*08mm			Waterproof grade
Lighting Direction:	Side bend			

DIMENSIONS

CERTIFICATIONS & COMPLIANCE



APPLICATIONS

- Cove and ceiling detail lighting Channel letter and cabinet signage Handrail and stair nosing accents Retail display and millwork edges

Architectural facade outlines

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	25 lm	pdf	high
cct_k	3,000 K	both	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
strip_width	4 mm	pdf	medium
min_cut_length	8.33 mm	db	high
finish	White	db	high
material	Silicone	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

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