



10mm Silicone LED Neon Rope Light,
12VDC, 10W, IP67, SMD2835

- Silicone jacket rated IP67 for wet and outdoor installations
- SMD2835 chips at 120 LEDs per meter for continuous illumination
- 450 lumen output at 10W on 12VDC input
- 10mm x 20mm profile with 25mm minimum cut interval
- 120° beam angle and CRI 80 for consistent color rendering
- CE and RoHS certified with 1-year warranty

OVERVIEW

The LumiPro M-N10 Series is a 10mm silicone LED neon rope light for continuous-run architectural, signage, and accent lighting. Its flexible silicone jacket and top-emitting profile suit channel letters, cove lighting, and outline work where a uniform neon-style appearance is required.

The fixture operates at 12VDC and draws 10W, delivering 450 lumens via SMD2835 chips at a density of 120 chips per meter with a CRI of 80 and a 120° beam angle. The profile measures 10mm wide by 20mm tall, and minimum cut interval is 25mm for field trimming. LED lifetime is rated at 50,000 hours.

This product carries CE and RoHS compliance markings and is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	450 lm
CRI	80
Beam Angle	120°
LED Chip Type	SMD2835
LED Density	120 LEDs/m
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	W10*H20mm
Strip Width	10 mm 0.39 in
Minimum Cut Length	25 mm 0.98 in
Material	Silicone

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	12 V
Wattage	10 W

ENVIRONMENTAL

IP Rating	IP67
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CERTIFICATIONS & COMPLIANCE



CE



RoHS Compliant

APPLICATIONS

- Channel letter illumination
- Cove and accent lighting
- Sign outline lighting
- Architectural trim lighting
- Decorative border lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	450 lm	db	high
cri	80	db	high
beam_angle_deg	120°	db	high
led_chip_type	SMD2835	db	high
led_density	120 LEDs/m	pdf	medium
led_lifetime_h	50,000 h	db	high
operating_voltage	12 V	db	high
wattage	10 W	db	high
product_dimensions	W10*H20mm	db	high
strip_width	10 mm	pdf	medium
min_cut_length	25 mm	db	high
material	Silicone	db	high
ip_rating	IP67	pdf	medium
warranty_years	1 y	db	high

Specifications subject to change without notice.