



Flexible LED Neon Strip, Red, 120V,
8W, IP65, 50-Meter Roll

- 120V silicone construction rated IP65 for wet locations
- Delivers 108 lumens at 8W power draw
- Cuts every 18mm for custom field-length installation
- Supplied in 50-meter rolls for large-scale runs
- Operates across -40°C to 40°C ambient range
- ETL and UL Listed, backed by 3-year warranty

OVERVIEW

The Lumipro M-N11 Series Flexible LED Neon Strip in Red is a silicone-based, 120V neon alternative designed for channel lettering, architectural accent lighting, signage backlighting, and decorative border applications. Its flexible construction allows it to conform to curved and straight runs alike, making it suitable for both indoor and outdoor installations.

The strip draws 8W and delivers 108 lumens. It is rated IP65 for resistance to dust and water ingress, supporting use in demanding exterior environments, and operates across an ambient temperature range of -40°C to 40°C. The strip can be cut every 18mm for field-length customization and is supplied in 50-meter rolls. Profile dimensions are 10.5mm wide by 18mm deep.

The product is ETL and UL Listed and carries a 3-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	108 lm
Beam Angle	120°
LED Lifetime	50,000 h
Light Color	Red

MECHANICAL

Product Dimensions	(W)10.5x(D)18mm
Length	50 m 164.0 ft
Minimum Cut Length	18 mm 0.71 in
Finish	Red
Material	Silicone

ORDERING

Warranty	3 y
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ELECTRICAL

Operating Voltage	120 V
Wattage	8 W

ENVIRONMENTAL

IP Rating	IP65
Ambient Operating Temperature	-40-40 °C -40-104 °F

CERTIFICATIONS & COMPLIANCE

ETL

ETL Listed

UL

UL Listed

APPLICATIONS

- Channel lettering
- Architectural accent lighting
- Signage backlighting
- Decorative border lighting
- Outdoor perimeter lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	108 lm	db	high
beam_angle_deg	120°	db	high
led_lifetime_h	50,000 h	db	high
color	Red	db	high
operating_voltage	120 V	db	high
wattage	8 W	db	high
product_dimensions	(W)10.5x(D)18mm	db	high
length	50 m	db	high
min_cut_length	18 mm	db	high
finish	Red	db	high
material	Silicone	db	high
ip_rating	IP65	db	high
ambient_temp_c	-40–40 °C	db	high
warranty_years	3 y	db	high

Specifications subject to change without notice.