



Flexible LED Neon Strip, White 5000K, 8W/yd, 120V, IP65, 50-Yard Roll

- Silicone-body construction rated IP65 for damp and covered outdoor locations
- Delivers 108 lumens per yard at 5000K with 80 CRI color rendering
- Draws 8W per yard on 120V input for architectural and signage runs
- Cutable every 18mm for custom-length installations
- Rated for 50,000-hour LED lifetime and backed by a 3-year warranty
- ETL and UL Listed, operable across a -40C to 40C ambient range

OVERVIEW

The Lumipro M-N11 Series Flexible LED Neon Strip in White is a silicone-body, 120V neon-style flex strip designed for architectural accent, signage, and contour lighting in commercial and residential installations. Its compact 10.5mm (W) x 18mm (D) profile and flexible construction allow it to conform to curved surfaces and be cut to custom lengths.

The strip draws 8W per yard and delivers 108 lumens per yard at 5000K with a CRI of 80 and a 120-degree beam angle. The IP65 rating provides protection against dust ingress and low-pressure water jets, suiting covered outdoor and damp-location use, with an ambient operating range of -40C to 40C. Each roll measures 50 meters and can be cut at 18mm intervals. LED lifetime is rated at 50,000 hours.

The M-N11 Series carries a 3-year manufacturer warranty and is listed with ETL and UL certifications.

SPECIFICATIONS

OPTICAL

Luminous Flux	108 lm
Color Temperature	5,000 K
CRI	80
Beam Angle	120°
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

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

ELECTRICAL

Operating Voltage	120 V
Wattage	8 W

ENVIRONMENTAL

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

ORDERING

Warranty

3 y

CERTIFICATIONS & COMPLIANCE

ETL

ETL Listed

UL

UL Listed

APPLICATIONS

- Architectural accent lighting
- Channel letter and signage illumination
- Cove and contour lighting
- Covered outdoor perimeter lighting
- Commercial interior trim lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	108 lm	db	high
cct_k	5,000 K	db	high
cri	80	db	high
beam_angle_deg	120°	db	high
led_lifetime_h	50,000 h	db	high
color	White	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	White	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.