

6mm LED Neon Rope Light, 12VDC Warm White 3000K, 8W/m, IP67 Silicone, 30m Roll

OVERVIEW

The M-N6-12V-WW-30M is a 6mm silicone LED neon rope light designed for continuous architectural, signage, and accent lighting applications. Constructed from food-grade silicone via integrated extrusion molding, it delivers a uniform, shadow-free light surface and is suitable for both indoor and outdoor installations, including exposed exterior environments.

The fixture operates at 12VDC and draws 8W per meter, with a 3000K warm white color temperature and a CRI of 80. The SMD2835 chip array is rated for 30,000 hours of service life. An IP67 ingress protection rating provides resistance to moisture, saline solutions, acids, alkalis, corrosive gases, and UV exposure. Operating temperature range is -40°C to 60°C (-40°F to 140°F). Minimum bend radius is 60mm; power supply loading should not exceed 80% of rated capacity.

The M-N6 Series carries ETL, CE, and RoHS certifications. A 3-year manufacturer warranty is included. Use only a 12VDC or 24VDC isolated constant-voltage power supply with ripple below 5%. This product is not rated for use in swimming pools or fountains.

SPECIFICATIONS

IP rating	IP67	CRI	80
Input voltage	12 V	Dimensions	W6 x H12 mm
Warranty	3 y	Power	240 W
Weight	4.3 kg	Operating temp	-40 to 60 °C
CCT	3000 K	Rated life	30000 h

DIMENSIONS

	(mm)			C	
M-N6-XX	6*12	33*33*11CM	4.3KG	3.5KG	50M/roll

CERTIFICATIONS & COMPLIANCE



RoHS



IP67