

6mm LED Neon Rope Light, 12VDC, 8W/m, IP67 Silicone, Purple, 30m Roll

OVERVIEW

The LUMIPRO M-N6 Series 6mm LED neon rope light delivers a continuous, shadow-free purple illumination in a W6xH12mm silicone profile. Designed for architectural accent lighting, signage backlighting, and contour applications, the 30m roll suits commercial and contractor-scale installations requiring flexible, low-profile neon-style output.

Powered at 12VDC, the strip runs SMD2835 emitters at 120 chips/m with a rated output of 20–22 lm/chip. Power consumption is 5–6W/m. The food-grade silicone construction carries an IP67 rating, providing dust-tight and immersion-resistant performance. Operating temperature range is -40°C to 60°C, and rated service life is 30,000 hours. Minimum bend radius is 60mm; power supply loading should not exceed 80% of rated capacity.

The M-N6 Series is ETL listed, CE marked, and RoHS compliant. A 12VDC isolated power supply with less than 5% ripple is required; RC or non-isolated supplies are not permitted. Product is not rated for swimming pool or fountain installation. A 3-year warranty is included.

SPECIFICATIONS

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

DIMENSIONS

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

CERTIFICATIONS & COMPLIANCE



RoHS



IP67