

6mm LED Neon Rope Light, Red, 12VDC, 8W/m, IP67, 50m Roll

OVERVIEW

The Lumipro M-N6 Series 6mm LED neon rope light delivers uniform red illumination across a 50m roll, suited for architectural accent lighting, signage backlighting, and commercial outline applications in both indoor and outdoor environments.

Constructed from food-grade silicone with integrated extrusion molding, the rope light operates on 12VDC and uses SMD2835 LM80-qualified LEDs to produce consistent, shadow-free output. The IP67-rated housing resists dust, moisture, saline solutions, acids, alkalis, and UV exposure. Rated working temperature range is -40°C to 60°C (-40°F to 140°F). Minimum bending radius is 60mm. Rated service life is 30,000 hours.

The product carries ETL, CE, and RoHS certifications. A 12VDC isolated power supply is required; RC voltage-reduction and non-isolated supplies are not permitted. A derated load of 80% maximum is recommended for the power supply. The M-N6 Series is backed by a 3-year warranty. Note: this product is not rated for use in swimming pools or fountains.

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
Power	400 W		

DIMENSIONS

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

CERTIFICATIONS & COMPLIANCE



RoHS



IP67