

LED Neon Rope Light, 6x12mm Silicone, 12VDC, 8W/m, Lemon Yellow, IP67

OVERVIEW

The Lumipro M-N6 Series LED neon rope light (M-N6-12V-LY) is a 6x12mm silicone-jacketed flexible lighting solution designed for architectural outlining, signage backlighting, and decorative accent applications. Constructed via integrated extrusion molding with food-grade silicone, it delivers uniform illumination without hotspots or shadows across its 5-meter roll length.

The strip operates at 12VDC and draws 8W per meter (40W per roll) using SMD2835 LM80-qualified chips at 120 chips per meter, producing 450 lm/m. The IP67-rated silicone housing resists moisture, saline solutions, UV exposure, and corrosive environments. Rated operating temperature spans -40°C to 60°C (-40°F to 140°F), with a 30,000-hour rated lifespan. A minimum 60mm bend radius is required during installation.

This product carries ETL, CE, and RoHS certifications. Installation requires a 12VDC isolated constant-voltage power supply with less than 5% ripple; power supply should be sized to no more than 80% of rated load. A 3-year manufacturer warranty is included.

SPECIFICATIONS

IP rating	IP67	CRI	80
Input voltage	12 V	Power	40 W/roll
Warranty	3 yr	Dimensions	W6 x H12 mm
Rated life	30000 hr	Weight	4.3 kg
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