

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

OVERVIEW

The M-N6-12V-LY-30M is a 6mm silicone LED neon rope light in lemon yellow, supplied on a 30-meter roll and designed for 12VDC operation. Built with integrated extrusion molding technology and food-grade silicone, it is suited for architectural accent lighting, signage backlighting, and contour illumination in commercial and industrial installations.

The strip uses SMD2835 emitters at 120 chips per meter, delivering 20–22 lumens per chip with a rated power draw of 5–6W per meter. The silicone construction carries an IP67 ingress protection rating, and the product is specified for an operating temperature range of -40°C to 60°C (-40°F to 140°F). Rated service life is 30,000 hours. Minimum bend radius is 60mm; power supply derating to 80% load is recommended per manufacturer guidelines.

The M-N6 Series is ETL listed, CE marked, and RoHS compliant. A 3-year manufacturer warranty applies. Note that this product is not rated for submerged applications such as swimming pools or fountains despite its IP67 rating.

SPECIFICATIONS

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

DIMENSIONS

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

CERTIFICATIONS & COMPLIANCE



RoHS



IP67