

6mm LED Neon Rope Light, 6000K, 12V DC, IP67, 20m Roll

OVERVIEW

The LUMIPRO M-N6 Series is a 6mm silicone LED neon rope light designed for architectural accent, signage backlighting, and contour lighting applications. Running on 12V DC, it ships in 20-meter rolls and uses an integrated extrusion molding process with food-grade silicone for uniform light output and no visible shadow or hot spots.

The strip is built on SMD2835 emitters at 120 chips per meter, rated at 5–6W per meter and 20–22 lumens per chip at 6000K. The silicone construction carries an IP67 rating and is resistant to UV, saline solutions, and corrosive environments. Minimum bend radius is 60mm. Rated service life is 30,000 hours. A 12V DC isolated power supply is required; derate the supply to 80% capacity per manufacturer guidelines.

The M-N6 Series is ETL Listed, CE marked, and RoHS compliant. A 3-year warranty is included.

SPECIFICATIONS

IP rating	IP67	Dimensions	W6 x H12 mm
Input voltage	12 V	Weight	4.3 kg
CCT	6000 K	Rated life	30000 h
CRI	80	Warranty	3 y
Power	160 W	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

IP67