

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

OVERVIEW

The M-N6-12V-IB-30M is a 6mm silicone LED neon rope light from the LUMIPRO M-N6 Series, supplied in 30-meter rolls at 12VDC. Constructed from food-grade silicone via integrated extrusion molding, it delivers a uniform, shadow-free light surface suited for architectural outlining, signage backlighting, and decorative channel work.

The strip runs SMD2835 LM80-rated chips at 120 chips/meter, drawing 5–6W/m, with a rated output of 20–22 lumens per chip. The silicone housing carries an IP67 ingress protection rating and is rated for operating temperatures from -40°C to 60°C (-40°F to 140°F), with resistance to saline solutions, acids, alkalis, and UV exposure. Rated service life is 30,000 hours.

The M-N6 Series is ETL listed, CE marked, and RoHS compliant. Installation requires a 12VDC isolated constant-voltage power supply with less than 5% ripple; supply sizing should be derated to 80% of rated capacity. A 3-year warranty is included.

SPECIFICATIONS

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

DIMENSIONS

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

CERTIFICATIONS & COMPLIANCE



RoHS



IP67