

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

OVERVIEW

The M-N6-12V-B-30M is a 6mm silicone LED neon rope light designed for architectural outlining, signage backlighting, and decorative accent applications in commercial and industrial environments. Running on 12VDC, it ships in 30-meter rolls and uses SMD2835 emitters at 120 chips per meter to produce uniform, shadow-free illumination in blue (455nm).

The extruded food-grade silicone construction carries an IP67 rating, providing dust-tight and immersion-resistant performance suitable for outdoor installations. Power consumption runs 5–6W per meter, with an LM80-tested rated lifespan of 30,000 hours. The flexible profile has a minimum bend radius of 60mm and is rated for operating temperatures from -40°C to 60°C (-40°F to 140°F).

The product is ETL listed (cETLus), 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 manufacturer warranty applies.

SPECIFICATIONS

IP rating	IP67	CRI	80
Input voltage	12 V	Power	240 W
Warranty	3 y	Dimensions	W6 x H12 mm
Rated life	30000 h	Weight	6.8 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