

6mm LED Neon Rope Light, 10000K, 12VDC, 8W/m, IP67, 30m Roll

OVERVIEW

The M-N6-12V-10K-30M is a 6mm x 12mm silicone LED neon rope light supplied in a 30-meter roll, operating on 12VDC. Built with SMD2835 LM80-qualified LEDs and an integrated extrusion-molded food-grade silicone body, it delivers uniform, shadow-free illumination at 10000K and is suited for architectural outlining, signage backlighting, and decorative accent applications in both indoor and outdoor environments.

The strip carries an IP67 ingress protection rating and is rated for operation from -40°F to 140°F (-40°C to 60°C), with resistance to saline solutions, acids, alkalis, corrosive gases, and UV exposure. Minimum bending radius is 60mm. Rated lifespan is 30,000 hours. The product requires a 12VDC isolated constant-voltage power supply with less than 5% ripple; derate the supply to 80% capacity per standard practice.

The M-N6 Series is ETL listed and RoHS compliant, with CE marking. A 3-year manufacturer warranty is included.

SPECIFICATIONS

IP rating	IP67	Power	240 W
Input voltage	12 V	Weight	4.3 kg
CCT	10000 K	Rated life	30000 h
CRI	80	Warranty	3 y
Dimensions	W6 x H12 mm	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