

6mm LED Neon Rope Light, 3000K Warm White, 12VDC, 8W/m, IP67, 5m Roll

OVERVIEW

The M-N6-12V-WW is a 6mm silicone LED neon rope light designed for architectural accent lighting, signage backlighting, and contour illumination in both indoor and outdoor installations. Built with SMD2835 LEDs and an integrated extrusion-molded silicone body, it delivers uniform, shadow-free illumination at 3000K warm white. Each roll is 5 meters in length.

The fixture operates at 12VDC and consumes 8W per meter (40W per roll). The IP67-rated silicone construction resists moisture, UV exposure, saline solutions, and corrosive environments, with a rated operating temperature range of -40°C to 60°C. Rated lifespan is 30,000 hours. Minimum bend radius is 60mm; a power supply derated to 80% load capacity is required.

The M-N6 Series carries ETL and RoHS certifications. CE marking is indicated on the product datasheet. A 3-year manufacturer warranty applies. Installation must be performed by qualified personnel using an isolated 12VDC constant-voltage power supply with less than 5% ripple. This product is not rated for use in swimming pools or fountains.

SPECIFICATIONS

IP rating	IP67	Dimensions	W6 x H12 mm
Input voltage	12 V	Weight	4.3 kg
CCT	3000 K	Rated life	30000 h
CRI	80	Warranty	3 y
Power	40 W/roll	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