

6mm LED Neon Rope Light, 10000K, 12VDC, 8W/m, IP67, 5m Roll

OVERVIEW

The M-N6-12V-10K is a 6mm silicone LED neon rope light operating on 12VDC, supplied in 5-meter rolls. Built on SMD2835 LM80-qualified emitters with an integrated extrusion-molded food-grade silicone body, it is suited for architectural accent lighting, signage outlining, and decorative contour applications in both indoor and outdoor environments.

The fixture delivers a 10000K correlated color temperature with a CRI of 80, at a chip density of 120 LEDs per meter. The silicone construction carries an IP67 ingress protection rating, providing resistance to full immersion as well as saline solutions, acids, alkalis, corrosive gases, and UV exposure. Operating temperature range is -40°C to 60°C. Rated lifespan is 30,000 hours. Minimum bend radius is 60mm; a derated power supply load of 80% is required per manufacturer guidelines.

The M-N6 Series is ETL and RoHS certified. CE marking is indicated in the datasheet. The product carries a 3-year manufacturer warranty.

SPECIFICATIONS

IP rating	IP67	Dimensions	W6 x H12 mm
Input voltage	12 V	Weight	4.3 kg
CCT	10000 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