

## 6mm LED Neon Rope Light, 12VDC, 8W/m, IP67 Silicone, Golden Yellow

### OVERVIEW

The M-N6-12V-GY is a 6mm silicone LED neon rope light operating on 12VDC, designed for architectural accent lighting, signage backlighting, and contour illumination in commercial and industrial installations. The 5-meter roll format and flexible food-grade silicone construction allow installation in curved or linear runs with a minimum bend radius of 60mm.

Built around SMD2835 LM80-qualified chips at 120 chips per meter, the fixture delivers 450 lumens per meter at 8W per meter. The integrated extrusion molding process produces a uniform light surface without hotspots or shadowing. IP67-rated silicone construction provides resistance to moisture, saline solutions, UV exposure, and corrosive environments. Rated operating temperature spans -40°C to 60°C (-40°F to 140°F), with a rated lifespan of 30,000 hours.

This product carries ETL, CE, and RoHS certifications. Installation requires a 12VDC isolated constant-voltage power supply with less than 5% ripple; the supply should be sized to no more than 80% of rated capacity. A 3-year warranty is included.

### SPECIFICATIONS

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

### DIMENSIONS

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

## CERTIFICATIONS & COMPLIANCE

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RoHS



IP67