

## 6mm LED Neon Rope Light, Ice Blue, 12VDC, 8W/m, IP67, 5m Roll

### OVERVIEW

The Lumipro M-N6 Series is a 6mm silicone LED neon rope light designed for architectural accent, signage, and contour lighting in both indoor and outdoor installations. Built with SMD2835 LEDs and an integrated extrusion-molded silicone body, it delivers uniform illumination without hot spots or shadows across its 5-meter roll length.

The strip operates on 12VDC and draws 8W per meter, with a rated lifespan of 30,000 hours. The IP67-rated silicone construction resists moisture, dust, UV exposure, and corrosive environments including saline solutions and acids. Working temperature range is -40°C to 60°C. Note: the datasheet specifies a minimum bending radius of 60mm; do not exceed the rated run length to avoid voltage drop and uneven output.

The M-N6 Series carries ETL, CE, and RoHS certifications and is backed by a 3-year warranty. Installation requires a 12VDC isolated constant-voltage power supply with less than 5% ripple; derate the supply to 80% capacity per manufacturer guidelines.

### SPECIFICATIONS

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

### 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