

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

OVERVIEW

The M-N6-12V-PK-30M is a 6mm silicone LED neon rope light designed for architectural accent lighting, signage backlighting, and decorative outlining in commercial and industrial installations. Constructed from food-grade silicone via integrated extrusion molding, it delivers a uniform, shadow-free light surface with the flexibility required for curved and contoured applications. Supplied in 30-meter rolls at 12VDC.

The strip operates at 8W/m with an output of 450 lm/m using SMD2835 chips at a density of 120 chips/m. The IP67 rating provides full dust ingress protection and resistance to temporary immersion, making it suitable for covered outdoor and damp interior environments. The silicone construction resists saline solutions, acids, alkalis, corrosive gases, and UV exposure. Rated operating temperature spans -40°C to 60°C, with a rated lifespan of 30,000 hours.

The product carries ETL, CE, and RoHS certifications. A 12VDC isolated power supply is required; the manufacturer recommends loading the supply to no more than 80% of rated capacity. A 3-year warranty is included. Not rated for direct submersion in pools or fountains.

SPECIFICATIONS

| | | | |
|----------------------|-------------|---------------------------|------------------|
| IP rating | IP67 | LED chip | SMD2835 |
| Input voltage | 12 V | Material | Silicone |
| Warranty | 3 y | Chip density | 120 LEDs/m |
| Weight | 4.3 kg | Roll length | 30 m |
| CRI | 80 | Rated life | 30000 h |
| Dimensions | W6 x H12 mm | Operating temp | -40 to 60 °C |
| Power | 240 W | Certifications Raw | cETLus, CE, RoHS |

DIMENSIONS

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

CERTIFICATIONS & COMPLIANCE



RoHS



IP67