

6mm RGB LED Neon Rope Light, 12V DC, 10W/m, IP67, SMD2835, 5m Roll

OVERVIEW

The M-N6-12V-RGB-UL is a 6mm silicone LED neon rope light in RGB color output, designed for architectural accent lighting, cove lighting, signage backlighting, and decorative linear applications requiring a flexible, low-profile profile. The silicone extrusion provides uniform light diffusion with no visible hot spots or shadows.

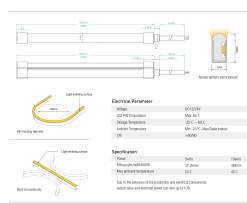
The fixture operates at 12V DC and delivers 10W per meter with an IP67 waterproof rating, providing resistance to saltwater, solvents, acids, alkalis, and UV exposure. The integrated silicone construction uses an extrusion-molded process for consistent optical performance. Rolls are supplied in 5-meter lengths with a rated service life of 30,000 hours and a 3-year manufacturer warranty. Tolerances of up to 10% on electrical and output values apply per manufacturer specification.

This product carries ETL listing and RoHS compliance. IP67 protection is confirmed per datasheet. Installers should verify driver compatibility for 12V DC constant-voltage RGB systems prior to installation.

SPECIFICATIONS

Power	5 W/m	Input voltage	12 V DC
Luminous flux	37.2 lm/W	Dimensions	W6 x H12 mm
CCT	RGB	Rated life	30000 h
CRI	80	Warranty	3 years
IP rating	IP67	Operating temp	-25 to +60 °C

DIMENSION





IP67