

12x12mm Top-Bend Neon Flex Strip, DC24V, 3000K, 8W/m, IP65

OVERVIEW

The M-N12-TB-3K-FC is a 12x12mm top-bend neon flex strip designed for architectural accent lighting, signage backlighting, and contour illumination applications. Operating at DC24V with SMD2835 LEDs at 120 chips per meter, it delivers a 3000K warm white output across a 120° beam angle. The strip is supplied in 5-meter rolls and is cuttable at every LED interval (8.33mm minimum cut length).

The strip draws 8W per meter at 0.33A per meter and produces 25 lm/W. It is rated for operation between -20°C and +45°C at 40–70% RH. The silicone jacket carries an IP65 rating, providing resistance to moisture, saline solutions, acids, alkalis, corrosive gases, and UV exposure. Minimum bending diameter is 300mm; twist angle must not exceed 360° per meter. Wire gauge of at least 0.75mm² is required for DC connections.

This product is manufactured using lead-free SMT processes and is RoHS compliant. An ETL file number (E346797) is referenced in the datasheet. No warranty terms are specified in the available source data.

SPECIFICATIONS

Power	8 W/m	Beam angle	120 deg
Luminous flux	25 lm/W	IP rating	IP65
CCT	3000 K	Input voltage	24 VDC
CRI	80	Operating temp	-20 to +45 °C

DIMENSIONS

Emitting Angle	120 °	Input Current	0.33A/m;0.5A/m&16"16mm	Operating tem
Luminous flux	25lm/w			Operating hu
Size	10"10&12"12&16"16mm			Waterproof g
Lighting Direction:	Top bend			

LUMIPRO

CERTIFICATIONS & COMPLIANCE



RoHS



IP65