

10x10mm Top Bend Neon Flex Strip, DC24V, 3000K, 8W/m, IP65

OVERVIEW

The M-N10-TB-3K-FC is a 10x10mm top-bend neon flex strip designed for architectural accent lighting, channel letter outlining, cove lighting, and decorative signage applications. Operating at DC24V with SMD2835 emitters at 120 LEDs/m, it delivers a 3000K warm white output across a 120° beam angle. The strip is supplied in 5-meter rolls with a free-cut interval of 1 LED (approximately every 8.33mm).

The strip draws 8W/m at 0.33A/m and produces 25 lm/W. It is rated for operating temperatures from -20°C to +45°C and humidity from 40% to 70% RH. The food-grade silicone jacket provides IP65 protection with resistance to moisture, saline solutions, acids, alkalis, corrosive gases, and UV exposure. Minimum bend diameter is 300mm; twist angle must remain below 360° per meter to avoid mechanical damage.

The product is manufactured under RoHS-compliant, lead-free SMT processes and carries an IP65 waterproof rating confirmed in the datasheet. Electrical connections must be performed by a qualified professional. No covering should be placed over the strip during operation to prevent overheating.

SPECIFICATIONS

Power	8 W/m	Beam angle	120 deg
Luminous flux	25 lm/W	IP rating	IP65
CCT	3000 K	Input voltage	24 V DC
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