

S-Shape Bendable LED Strip, 12V 36W 6000–6500K Pure White, 5m Roll, IP20

OVERVIEW

The M-28NB-60-60K-UL is an S-shape bendable LED strip light built on SMD2835 technology, designed for indoor accent, task, and architectural lighting applications. The flexible PCB allows installation in straight runs or curved configurations with a minimum bend radius of 50mm, and the 5m roll with 50mm cuttable segments accommodates a wide range of project layouts.

The strip operates at 12V DC, drawing 7.2W per meter for a total of 36W per roll. At 6500K, it delivers 720 lumens per meter at 100 lm/W efficacy, with a CRI greater than 80 and a 120-degree beam angle. The IP20 rating limits use to dry indoor environments. Operating temperature range is -20°C to +45°C. Construction features double-layer PCB, lead-free SMT assembly, and 3M adhesive backing.

This product is manufactured under RoHS-compliant, lead-free processes. The UL Listed mark (File E346797) confirms the strip has been evaluated to applicable safety standards for bare LED strip luminaires. Contractors should verify local code requirements for driver sizing; minimum wire gauge of 0.75mm² is specified for DC input connections.

SPECIFICATIONS

Power	7.2 W/m	IP rating	IP20
Luminous flux	720 lm/m	Input voltage	12 V DC
CCT	3000/4000/5000/6500 K	Dimensions	5000 x 6 mm
CRI	80	Operating temp	-20 to +45 C
Beam angle	120 deg		

DIMENSIONS

Emitting Angle	120 °	Input Current	0.6 A/m	Operating temperature
Luminous flux	720lm/m;100LM/W@6500K			Operating humidity
				Waterproofing

CERTIFICATIONS & COMPLIANCE

