

S-Shape Bendable LED Strip, 3000K, 60 LEDs/m, 7.2W/m, 12V DC, IP20

OVERVIEW

The M-28NB-60-30K-UL is an S-shape bendable LED strip designed for indoor applications requiring flexible routing around curves and contoured surfaces. Built on a 6mm-wide FPC substrate with SMD2835 chips at 60 LEDs per meter, it is well suited for cove lighting, display case illumination, and architectural accent work where rigid strips cannot conform to the installation path.

The strip operates at 12V DC, drawing 0.6A per meter at 7.2W per meter. CRI is rated above 80 at 3000K, with a 120-degree beam angle. Minimum cut length is 50mm. Rated for operating temperatures from -20°C to +45°C and humidity of 40–70% RH, with an IP20 rating for dry indoor environments only. Rolls are supplied in 5-meter lengths with authentic 3M adhesive backing and double-layer PCB construction for stable electrical performance.

The strip is manufactured using lead-free SMT processes and is RoHS compliant. A 2-year warranty is included. UL listing is indicated on the SKU; verify current certification status with Poli LED & Signs prior to specification.

SPECIFICATIONS

Power	7.2 W/m	IP rating	IP20
CCT	3000 K	Input voltage	12 V DC
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	100LM/W@6500K			Waterproof grade

CERTIFICATIONS & COMPLIANCE

