

SMD5050 LED Strip Light, CRI 97, 6000K, 14.4W/m, 60 LEDs/m, 24VDC

OVERVIEW

The M-50N-60-60K-24V-UL-CRI97 is an SMD5050 LED strip light rated at CRI 97, designed for commercial and architectural lighting applications where accurate color rendering is required. Supplied in 5-meter rolls with 60 LEDs per meter on a 10mm PCB with 3M adhesive backing, it is suitable for cove lighting, display illumination, and task lighting installations.

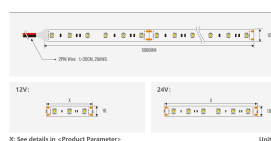
The strip operates at 24VDC and consumes 14.4W per meter, delivering 1200 lumens per meter at 6500K with an efficacy of 80 lm/W. The correlated color temperature for this configuration is 6000K. Beam angle is 120 degrees. The minimum cuttable length is 100mm. The IP65 rating provides protection against dust ingress and low-pressure water jets, supporting use in moderately wet or exposed environments. Operating temperature range is -20°C to +45°C.

This product carries RoHS compliance and UL Listing (File E346797). A 3-year warranty is included. Installers should verify driver sizing against the 0.6A per meter current draw when calculating run lengths and supply capacity.

SPECIFICATIONS

Power	14.4 W/m	IP rating	IP20
Luminous flux	1200 lm/m	Input voltage	24 V
CCT	6000 K	Dimensions	5000 x 10 mm per roll
CRI	97	Operating temp	-20 to +45 C
Beam angle	120 deg		

DIMENSIONS



Optical Parameters	Electrical Parameters	Others
LED Type: SMD5050	Input Voltage: DC24V	LED Qty: 60
Ra: 97		Min. Cuttable: 100mm

CERTIFICATIONS & COMPLIANCE



RoHS



IP65