

RGBW 4-in-1 LED Strip, SMD5050, 14.4W/m, 60 LEDs/m, 5m Roll

OVERVIEW

The M-50N-60-RGB5K-UL is a 4-in-1 RGBW LED strip built on SMD5050 technology, combining red, green, blue, and white (3000K) emitters in a single chip package. Supplied in 5-meter rolls at 12mm width, it is suited for indoor architectural accent lighting, cove installations, and color-tunable commercial applications requiring both dynamic color and static white output.

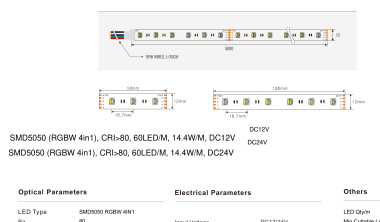
The strip draws 14.4W per meter at DC 12/24V with a chip density of 60 LEDs per meter, delivering 90 lm/W and 360 lm/m on the white channel. CRI is rated at 80. The beam angle is 120 degrees. Operating temperature range is -20°C to +45°C (-4°F to +113°F) at 40–70% RH. PCB construction uses a double-layer board with authentic 3M adhesive backing. Minimum cut length is 50mm at 12V and 100mm at 24V.

The strip carries IP65 waterproof rating and is manufactured under RoHS-compliant, lead-free SMT processes. Color binning is held to a 5-step MacAdam ellipse. No warranty term is confirmed in the available source data. Contractors should verify controller and driver compatibility for the selected input voltage prior to installation.

SPECIFICATIONS

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|----------------------|----------|-----------------------|--------------|
| Power | 14.4 W/m | IP rating | IP65 |
| Luminous flux | 90 lm/W | Input voltage | 12/24 V DC |
| CRI | 80 | Dimensions | 5000 x 12 mm |
| Beam angle | 120 deg | Operating temp | -20 to +45 C |

DIMENSIONS



CERTIFICATIONS & COMPLIANCE



RoHS



IP65