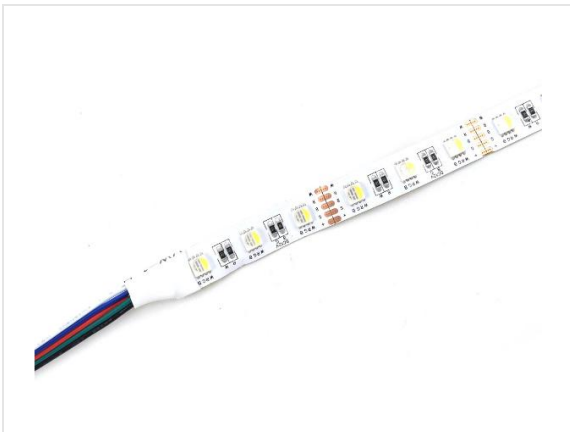




24V RGB+White 6000K LED Strip,
14.4W/m, 60 LEDs/m SMD5050, IP20,
UL Listed

- 4-in-1 SMD5050 chip delivers RGB plus 6000K white output
- 60 LEDs per meter at 14.4W/m for consistent color mixing
- 500 lumens per meter output with CRI 80
- Minimum cut length of 2mm for flexible field sizing
- 5-meter reel width of 12mm with adhesive backing
- UL Listed for indoor installations, rated IP20

OVERVIEW

The M-50N-60-RGB6K-24V-ULX is a 4-in-1 RGB+White LED strip light operating at 24VDC, combining red, green, blue, and 6000K cool white LEDs on a single SMD5050 chip for full-color mixing and tunable white output. Designed for indoor decorative and accent lighting applications, the strip measures 12mm wide and is supplied in 5-meter reels with a factory-applied adhesive backing for surface mounting.

The strip draws 14.4W per meter at a density of 60 LEDs per meter, delivering 500 lumens per meter with a CRI of 80 and a 120° beam angle. Rated for an ambient operating range of -40 to 40°C, it carries a 50,000-hour LED lifetime. The IP20 rating limits use to dry indoor environments only.

The strip is UL Listed and backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	500 lm
Efficacy	960 lm/W
Color Temperature	6,000 K
CRI	80
Beam Angle	120°
LED Chip Type	SMD5050
LED Density	60 LEDs/m
LED Lifetime	50,000 h
Light Color	RGB + CCT

MECHANICAL

Product Dimensions	(W)12mm*(L)5m
Minimum Cut Length	2 mm 0.08 in
Finish	White

ELECTRICAL

Operating Voltage	24 V
Wattage	14.4 W

ENVIRONMENTAL

IP Rating	IP20
Ambient Operating Temperature	-40–40 °C -40–104 °F

ORDERING

Warranty

1 y

CERTIFICATIONS & COMPLIANCE



UL Listed

APPLICATIONS

- Cove lighting
- Accent and display lighting
- Under - cabinet lighting
- Signage backlighting
- Architectural indoor trim lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	500 lm	db	high
efficacy_lm_per_w	960 lm/W	db	high
cct_k	6,000 K	db	high
cri	80	db	high
beam_angle_deg	120°	db	high
led_chip_type	SMD5050	db	high
led_density	60 LEDs/m	db	high
led_lifetime_h	50,000 h	db	high
color	RGB + CCT	db	high
operating_voltage	24 V	db	high
wattage	14.4 W	db	high
product_dimensions	(W)12mm*(L)5m	db	high
min_cut_length	2 mm	db	high
finish	White	db	high
ip_rating	IP20	db	high
ambient_temp_c	- 40–40 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.