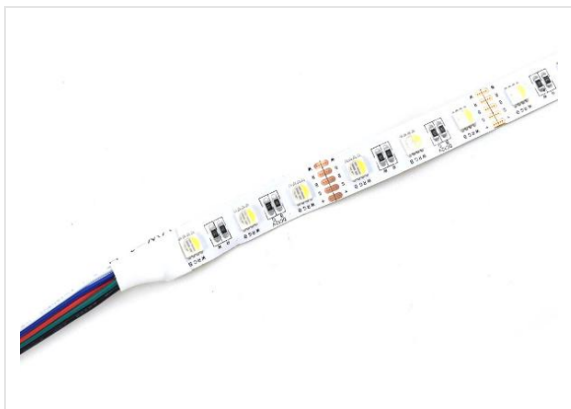




RGB+White 4000K LED Strip, 24V DC, 14.4W/m, 60 LEDs/m, IP20, 5m Reel

- SMD5050 chips at 60 LEDs per meter for 4-in-1 RGB+White output
- 14.4W/m power draw at 24V DC, rated 960 lm/m output
- 4000K white channel with CRI 80 for color-tunable applications
- IP20 rated for dry indoor installations only
- 5-meter reel length with minimum cut length of 2mm
- Rated ambient operating range of -40°C to 40°C

OVERVIEW

The M-50N-60-RGB4K-24V-ULX is a 4-in-1 RGB+White (4000K) LED strip for indoor decorative and accent lighting. Built on SMD5050 chips at 60 LEDs per meter, it combines full-color RGB output with a neutral white channel, suited to color-tunable architectural installations, cove lighting, and display environments.

The strip operates at 24V DC and draws 14.4W per meter, with a rated output of 960 lumens per meter and a CRI of 80. The 12mm-wide flexible PCB includes a factory-applied adhesive backing and is supplied in 5-meter reels, with a minimum cut length of 2mm. The IP20 rating limits use to dry indoor locations, and the strip carries a rated ambient operating range of -40°C to 40°C.

SPECIFICATIONS

OPTICAL

Luminous Flux	960 lm
Efficacy	960 lm/W
Color Temperature	4,000 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)
Minimum Cut Length	2 mm 0.08 in
Finish	White

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	24 V
Wattage	14.4 W

ENVIRONMENTAL

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

APPLICATIONS

- Cove lighting
- Architectural accent lighting
- Display case lighting
- Indoor decorative lighting
- Color-tunable feature lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	960 lm	db	high
efficacy_lm_per_w	960 lm/W	db	high
cct_k	4,000 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)	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.