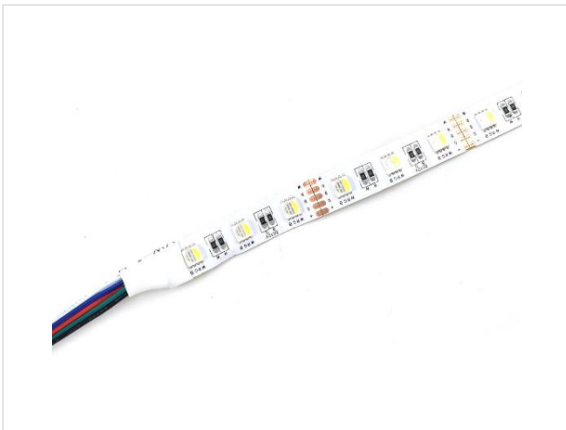




RGB+White 3000K LED Strip, 24VDC 14.4W/m, 60 LEDs/m, SMD5050, UL Listed

- 4-in-1 SMD5050 chip combines RGB and 3000K white in one strip
- 60 LEDs per meter delivering 960 lumens per meter output
- 14.4W per meter power draw on a 24VDC input
- IP20 rated, non-waterproof, for dry indoor environments only
- 5-meter reel with adhesive backing, minimum cut length of 4mm
- UL Listed with a 3-year warranty

OVERVIEW

The M-50N-60-RGB3K-24V-ULX is a 4-in-1 RGB+White 3000K LED strip designed for indoor decorative and accent lighting applications. It operates on 24VDC and is supplied in 5-meter reels with a pre-applied adhesive backing for straightforward installation on clean, flat surfaces.

The strip draws 14.4W per meter at a density of 60 LEDs per meter using SMD5050 chips, delivering 960 lumens per meter with a CRI of 80 and a warm white color temperature of 3000K. The 12mm board width and IP20 rating make it suitable for dry indoor environments only, with an ambient operating range of -40 to 40°C and a minimum cut length of 4mm.

This product carries a UL listing for indoor use and includes a 3-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	960 lm
Efficacy	14 lm/W
Color Temperature	3,000 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	12×100 mm
Minimum Cut Length	4 mm 0.16 in
Finish	White

ELECTRICAL

Operating Voltage	24 V
Wattage	14.4 W

ENVIRONMENTAL

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

ORDERING

Warranty

3 y

CERTIFICATIONS & COMPLIANCE



UL Listed

APPLICATIONS

- Cove and cabinet accent lighting
- Architectural indoor decorative lighting
- Retail display and signage backlighting
- Residential ambient color-changing lighting
- Commercial interior trim lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	960 lm	db	high
efficacy_lm_per_w	14 lm/W	db	high
cct_k	3,000 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	12×100 mm	db	high
min_cut_length	4 mm	db	high
finish	White	db	high
ip_rating	IP20	db	high
environmental_rating	Non - Waterproof	db	high
ambient_temp_c	-40~40 °C	db	high
warranty_years	3 y	db	high

Specifications subject to change without notice.