



RGB+CCT 5-Channel LED Strip Light,
90 LEDs/m, 16W/m, IP65, 24VDC,
SMD5050+2835

- SMD5050+2835 chip combination for RGB and tunable white output
- LED density of 90 chips per meter
- IP65-rated silicone tube enclosure for outdoor use
- Operates on 24VDC, drawing 16W per meter
- CRI greater than 80 for accurate color rendering
- 50,000-hour rated LED lifetime with 2-year warranty

OVERVIEW

The M-50S-60-RGBCCT-24V-20M is a 5-channel RGB+CCT LED strip light designed for outdoor applications. Combining SMD5050 and SMD2835 chips at a density of 90 chips per meter, it supports full-color RGB output alongside tunable white from 3000K to 6500K, making it suitable for architectural accent lighting, landscape installations, and large-scale commercial projects.

The strip operates on 24VDC and draws 16W per meter, delivering 320W total per 20-meter roll. An IP65-rated silicone tube enclosure provides protection against dust and water splashes. CRI exceeds 80, supporting accurate color rendering across the full output range, with a rated LED lifetime of 50,000 hours. The 12mm profile allows integration into a range of mounting channels and extrusions.

This strip light is backed by a 2-year warranty.

SPECIFICATIONS

OPTICAL

Color Temperature	3,000–6,500 K
CRI	80
Beam Angle	120°
LED Chip Type	SMD5050+2835chip
LED Density	90 LEDs/m
LED Lifetime	50,000 h

MECHANICAL

Length	20 m 65.6 ft
Strip Width	12 mm 0.47 in
Finish	White

ORDERING

Warranty	2 y
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ELECTRICAL

Operating Voltage	24 V
Wattage	16 W

ENVIRONMENTAL

IP Rating	IP65
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APPLICATIONS

- Architectural accent lighting
- Landscape lighting
- Outdoor perimeter lighting
- Commercial signage
- Cove lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
cct_k	3,000–6,500 K	pdf	high
cri	80	db	high
beam_angle_deg	120°	db	high
led_chip_type	SMD5050+2835chip	db	high
led_density	90 LEDs/m	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	24 V	db	high
wattage	16 W	db	high
length	20 m	pdf	high
strip_width	12 mm	pdf	high
finish	White	db	high
ip_rating	IP65	pdf	high
warranty_years	2 y	db	high

Specifications subject to change without notice.

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