



LED Strip Light 12V RGB 0.72W 2-Inch Segment with Connectors, IP20

- Three SMD5050 RGB LEDs per 2-inch (5 cm) segment
- Operates on 12V DC, drawing 0.72W per segment
- 180° beam angle for wide-area color-change effects
- IP20 rated for dry, indoor installation only
- Rated LED lifetime of 50,000 hours
- Pre-attached connectors for daisy-chain wiring

OVERVIEW

The M-S50-2BRG is a 2-inch (5 cm) RGB LED strip segment designed for accent lighting, cove lighting, and color-change applications in commercial and residential installations. Each segment includes pre-attached connectors for straightforward daisy-chaining or direct wiring into 12V DC systems.

Each segment draws 0.72 watts and incorporates three SMD5050 LEDs capable of producing red, blue, and green output across a 180° beam angle. The IP20 rating indicates suitability for dry indoor environments only, and the LEDs carry a rated life of 50,000 hours.

The product is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

Beam Angle	180°
LED Chip Type	SMD5050
LEDs per Segment	3
LED Lifetime	50,000 h
Light Color	RGB

MECHANICAL

Minimum Cut Length	50.8 mm 2.00 in
Finish	White

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	12 V
Wattage	0.72 W

ENVIRONMENTAL

IP Rating	IP20
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APPLICATIONS

- Accent lighting
- Cove lighting
- Color-change display lighting
- Cabinet and shelf lighting
- Signage backlighting

slug	value	source	confidence
beam_angle_deg	180°	db	high
led_chip_type	SMD5050	db	high
leds_per_segment	3	pdf	high
led_lifetime_h	50,000 h	db	high
color	RGB	db	high
operating_voltage	12 V	db	high
wattage	0.72 W	db	high
min_cut_length	50.8 mm	pdf	high
finish	White	db	high
ip_rating	IP20	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

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