



RGB LED Strip Segment, SMD5050,
12V DC, 1.44W, 4-Inch Length, IP20

- 6 SMD5050 RGB LEDs per 4-inch (0.1 m) segment
- Operates at 12V DC, drawing 1.44W per segment
- 180° beam angle for wide light distribution
- IP20 rated for dry indoor environments
- Rated for 50,000-hour LED lifespan
- Pre-installed connectors for modular strip assembly

OVERVIEW

The M-S50-4RGB is a 4-inch (0.1 m) RGB LED strip segment intended for accent lighting, cove lighting, and color-changing decorative applications in commercial and residential installations. Each segment operates at 12V DC and ships with pre-installed connectors for modular integration into compatible RGB control systems.

The segment draws 1.44W and carries 6 SMD5050 LEDs arranged for a 180° beam angle, providing wide, diffused light output. Rated IP20, it is suited to dry indoor environments. LED lifespan is rated at 50,000 hours, and the strip is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

Beam Angle	180°
LED Chip Type	SMD5050
LEDs per Segment	6
LED Lifetime	50,000 h
Light Color	RGB

MECHANICAL

Length	0.1 m 0.3 ft
Finish	White

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	12 V
Wattage	1.44 W

ENVIRONMENTAL

IP Rating	IP20
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APPLICATIONS

- Accent lighting
- Cove lighting
- Display case illumination
- Signage backlighting
- Color-changing decorative lighting

slug	value	source	confidence
beam_angle_deg	180°	db	high
led_chip_type	SMD5050	db	high
leds_per_segment	6	pdf	high
led_lifetime_h	50,000 h	db	high
color	RGB	db	high
operating_voltage	12 V	db	high
wattage	1.44 W	db	high
length	0.1 m	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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