



Blue LED Strip Light, 0.4m/16 in.,
SMD5050, 5.76W, IP20, with
Connectors

- SMD5050 LED chips for consistent blue color output
- 24 LEDs per 16 in. (0.4 m) strip segment
- Operates at 12 V DC, drawing 5.76 W
- 180° beam angle for wide light dispersion
- IP20 rated for dry indoor environments
- Includes connectors for simplified daisy-chain installation

OVERVIEW

The M-S50-16BL is a blue LED strip light designed for accent, cove, and decorative lighting applications in commercial and residential installations. Pre-cut to 16 inches (0.4 m) and equipped with connectors, it is suited for integration into display cases, architectural details, and signage backlighting where a discrete blue light source is required.

The strip operates on 12 V DC and draws 5.76 W, using 24 SMD5050 LEDs per strip with a 180° beam angle and a rated LED lifetime of 50,000 hours. The IP20 rating indicates suitability for dry indoor environments only. Connectors are included, simplifying installation and daisy-chain configurations.

The strip carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

Beam Angle	180°
LED Chip Type	SMD5050
LEDs per Segment	24
LED Lifetime	50,000 h
Light Color	Blue

MECHANICAL

Length	0.4 m 1.3 ft
Finish	White

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	12 V
Wattage	5.76 W

ENVIRONMENTAL

IP Rating	IP20
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APPLICATIONS

- Display case accent lighting
- Cove and architectural detail lighting
- Signage backlighting
- Retail shelf lighting
- Decorative interior lighting

slug	value	source	confidence
beam_angle_deg	180°	db	high
led_chip_type	SMD5050	db	high
leds_per_segment	24	pdf	high
led_lifetime_h	50,000 h	db	high
color	Blue	db	high
operating_voltage	12 V	db	high
wattage	5.76 W	pdf	high
length	0.4 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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