



- ### Blue LED Tape Light, SMD5050, 12V, 14.4W, IP20, 4 in. Segment with Connectors
- Uses SMD5050 LED chips for blue color output
  - 6 LEDs per 4 in. (0.1 m) segment
  - Rated 14.4W at 12V operating voltage
  - 180° beam angle for wide light distribution
  - IP20 rated for dry indoor use only
  - Backed by a 1-year warranty

OVERVIEW

The M-S50-4BL is a blue LED strip light segment intended for accent, cove, and decorative lighting in commercial and residential installations. Each segment measures 4 inches (0.1 m) in length and ships pre-fitted with connectors for integration into larger strip runs or standalone use.

The segment operates at 12V and draws 14.4W, incorporating 6 SMD5050 LEDs with a 180° beam angle. Rated LED lifetime is 50,000 hours. The IP20 rating limits use to dry indoor environments.

The product carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

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

MECHANICAL

|        |                 |
|--------|-----------------|
| Length | 0.1 m<br>0.3 ft |
| Finish | White           |

ORDERING

|          |     |
|----------|-----|
| Warranty | 1 y |
|----------|-----|

ELECTRICAL

|                   |        |
|-------------------|--------|
| Operating Voltage | 12 V   |
| Wattage           | 14.4 W |

ENVIRONMENTAL

|           |      |
|-----------|------|
| IP Rating | IP20 |
|-----------|------|

APPLICATIONS

- Accent lighting
- Cove lighting
- Cabinet lighting
- Decorative signage
- Display case 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             | Blue     | db     | high       |
| operating_voltage | 12 V     | db     | high       |
| wattage           | 14.4 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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