



## RGBW LED Strip Light, 5V USB, 5050 Chip, 44 LEDs/m, IP44, 2-Meter Roll

- 5050 SMD LED chip type for RGBW color output
- 44 LEDs per meter density on a 2-meter roll
- IP44 epoxy coating for splash resistance
- 5V USB input with included controller cable
- 180° beam angle at 80 CRI color rendering
- 50,000-hour LED lifetime with 1-year warranty

### OVERVIEW

The M-S-50-RGBW-2M is a 5V USB-powered RGBW LED strip light intended for TV backlighting and accent lighting applications. The strip ships as a 2-meter roll built on a 10mm PCB, using 5050-type LEDs at a density of 44 LEDs per meter, and includes a USB cable and controller for direct connection to a USB power source.

The strip delivers a 180° beam angle with 80 CRI color rendering and a rated LED lifetime of 50,000 hours. Total system wattage is rated at 40W. The IP44 epoxy coating provides splash resistance suitable for indoor installations where incidental moisture exposure may occur.

The product carries a 1-year warranty.

### SPECIFICATIONS

#### OPTICAL

|               |           |
|---------------|-----------|
| CRI           | 80        |
| Beam Angle    | 180°      |
| LED Chip Type | 5050      |
| LED Density   | 44 LEDs/m |
| LED Lifetime  | 50,000 h  |

#### MECHANICAL

|             |                  |
|-------------|------------------|
| Length      | 2 m<br>6.6 ft    |
| Strip Width | 10 mm<br>0.39 in |

#### ORDERING

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

#### ELECTRICAL

|                       |      |
|-----------------------|------|
| Operating Voltage     | 5 V  |
| Wattage               | 40 W |
| Input Connection Type | USB  |

#### ENVIRONMENTAL

|           |      |
|-----------|------|
| IP Rating | IP44 |
|-----------|------|

### APPLICATIONS

TV backlighting

cabinet accent lighting

cove lighting

display case lighting

signage accent lighting

| slug                  | value     | source | confidence |
|-----------------------|-----------|--------|------------|
| cri                   | 80        | db     | high       |
| beam_angle_deg        | 180°      | db     | high       |
| led_chip_type         | 5050      | db     | high       |
| led_density           | 44 LEDs/m | pdf    | medium     |
| led_lifetime_h        | 50,000 h  | db     | high       |
| operating_voltage     | 5 V       | db     | high       |
| wattage               | 40 W      | db     | high       |
| input_connection_type | USB       | pdf    | medium     |
| length                | 2 m       | pdf    | high       |
| strip_width           | 10 mm     | pdf    | medium     |
| ip_rating             | IP44      | pdf    | high       |
| warranty_years        | 1 y       | db     | high       |

Specifications subject to change without notice.

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