



RGB Chasing Waterproof LED Flexible Strip, 12V DC, 13W/m, 60 LEDs/m, IP68, 5m Reel

- IP68 rated for continuous submersion in wet environments
- 60 LED chips per meter for dense, even color output
- Draws 13W per meter at 12V DC operating voltage
- 120° beam angle delivers wide-angle illumination
- 50,000 hour LED lifetime rating
- 1-year manufacturer warranty

OVERVIEW

The M-54S-CH is an RGB waterproof LED flexible strip light designed for permanent or semi-permanent installation in wet and outdoor environments. Typical applications include garden beds, patios, pool surrounds, and other areas requiring reliable color lighting with exposure to moisture.

The strip operates at 12V DC and draws 13W per meter, providing broad, even color illumination across its length with a 120° beam angle. Its IP68 rating confirms suitability for continuous submersion, making it appropriate for demanding outdoor and wet-location installations. Each 5-meter reel carries 60 LED chips per meter for dense, consistent color coverage.

The strip carries a 1-year manufacturer warranty and an LED lifetime rating of 50,000 hours.

SPECIFICATIONS

OPTICAL

Beam Angle	120°
LED Density	60 LEDs/m
LED Lifetime	50,000 h
Light Color	RGB

MECHANICAL

Length	5 m 16.4 ft
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ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	12 V
Wattage	13 W

ENVIRONMENTAL

IP Rating	IP68
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APPLICATIONS

- Garden bed accent lighting
- Patio and deck perimeter lighting
- Poolside and wet-location installations
- Outdoor architectural color washes
- Landscape cove lighting

slug	value	source	confidence
beam_angle_deg	120°	db	high
led_density	60 LEDs/m	pdf	high
led_lifetime_h	50,000 h	db	high
color	RGB	db	high
operating_voltage	12 V	db	high
wattage	13 W	db	high
length	5 m	pdf	high
ip_rating	IP68	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

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