



UL Listed IP65 LED Strip Light, 3000K
24VDC, 14.4W/m, 1200lm/m, 60 5050
SMD/m

- 60 SMD 5050 LEDs per meter on a 10mm PCB
- 1200 lm/m output at 3000K warm white
- 14.4W per meter power draw on 24VDC input
- IP65 rated for dust and moisture resistance
- UL Listed with a 2-year warranty
- 50,000-hour rated LED lifetime

OVERVIEW

The M-50S-60-30K-24V-UL-20M is a waterproof LED strip light designed for commercial and residential applications requiring reliable warm white illumination. Operating on 24VDC, it is suitable for indoor accent lighting, cove lighting, and outdoor-rated installations where moisture resistance is required.

The strip delivers 1200 lm/m at a color temperature of 3000K, drawing 14.4W per meter. It uses 60 SMD 5050 LEDs per meter across a 10mm PCB and carries an IP65 rating for dust and water resistance. The reel length is 20 meters, with an 80 CRI and 120° beam angle.

This product is UL Listed and carries a 2-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	1,200 lm
Color Temperature	3,000 K
CRI	80
Beam Angle	120°
LED Chip Type	SMD 5050
LED Density	60 LEDs/m
LED Lifetime	50,000 h

MECHANICAL

Length	20 m 65.6 ft
Strip Width	10 mm 0.39 in
Finish	White
Weight	2 lb

ELECTRICAL

Operating Voltage	24 V
Wattage	14.4 W

ENVIRONMENTAL

IP Rating	IP65
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ORDERING

Warranty

2 y

CERTIFICATIONS & COMPLIANCE



UL Listed

APPLICATIONS

- Outdoor architectural cove lighting
- Under-cabinet and accent lighting
- Commercial signage illumination
- Landscape and pathway lighting
- Perimeter and soffit lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	1,200 lm	db	high
cct_k	3,000 K	pdf	high
cri	80	db	high
beam_angle_deg	120°	db	high
led_chip_type	SMD 5050	pdf	high
led_density	60 LEDs/m	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	24 V	db	high
wattage	14.4 W	db	high
length	20 m	pdf	high
strip_width	10 mm	pdf	high
finish	White	db	high
weight	2 lb	db	high
ip_rating	IP65	pdf	high
warranty_years	2 y	db	high

Specifications subject to change without notice.