



LED Strip Light Segment, 4 in.,
SMD5050, 6-LED, 1.44W, 12V DC,
IP20

- 4 in. (0.1 m) pre-cut segment with connectors for direct assembly
- 6 SMD5050 LEDs per segment for compact illumination
- Draws 1.44 watts at 12V DC input
- IP20 rating for dry, indoor-only environments
- 180° beam angle for broad light distribution
- Rated LED lifetime of 50,000 hours

OVERVIEW

The M-S50-4W is a pre-cut LED strip segment measuring 4 inches (0.1 m) and fitted with connectors for direct integration into low-voltage lighting assemblies. Designed for indoor applications, it is suited for accent lighting, undercabinet installations, display case illumination, and similar fixed installations where a short, discrete strip segment is required.

Each segment draws 1.44 watts and carries 6 SMD5050 LEDs across a 180° beam angle. The IP20 rating indicates the strip is intended for dry, indoor environments only and is not suitable for damp or wet locations. Input voltage is 12V DC, and the LEDs carry a rated lifetime of 50,000 hours.

The product is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

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

MECHANICAL

Length	0.1 m 0.3 ft
Finish	White

ORDERING

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

ELECTRICAL

Operating Voltage	12 V
Wattage	1.44 W

ENVIRONMENTAL

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

APPLICATIONS

- Undercabinet lighting
- Display case illumination
- Accent lighting
- Indoor signage backlighting

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	White	db	high
operating_voltage	12 V	db	high
wattage	1.44 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.

REVIEW COPY