



Rigid LED Strip Module, SMD3030, 12V DC, 6500-7000K, 20W Assembly

- SMD3030 LED chips at 12 LEDs per meter density
- 1,440 lm/m luminous output per strip
- 6500-7000K correlated color temperature
- 12V DC operating voltage, 20W total assembly wattage
- 50,000-hour rated LED lifetime
- 1-year manufacturer warranty

OVERVIEW

The 7-RSC40×48-12V is a rigid LED strip module assembly configured as a 14-piece row curtain arrangement, intended for commercial and industrial sign lighting, accent, and architectural display applications. Each strip operates on 12V DC and uses SMD3030 emitters at a density of 12 LEDs per meter, with individual strips drawing 6.5W.

The assembly outputs 1,440 lm/m at a correlated color temperature of 6500-7000K and carries an LED lifetime rating of 50,000 hours. It is built for dry, non-waterproof indoor installations, with each strip measuring 1000 × 18 × 1.2 mm.

The assembly is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	1,440 lm
Color Temperature	6,500–7,000 K
LED Chip Type	SMD3030
LED Density	12 LEDs/m
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	1000×18×1.2mm
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ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	12 V
Wattage	20 W

ENVIRONMENTAL

Environmental Rating	Non-waterproof
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APPLICATIONS

- Sign lighting and channel letter illumination
- Architectural accent lighting
- Retail display lighting
- Indoor commercial signage
- Curtain-style decorative lighting installations

slug	value	source	confidence
lumens	1,440 lm	pdf	high
cct_k	6,500–7,000 K	pdf	high
led_chip_type	SMD3030	pdf	high
led_density	12 LEDs/m	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	12 V	db	high
wattage	20 W	db	high
product_dimensions	1000×18×1.2mm	pdf	high
environmental_rating	Non - waterproof	pdf	medium
warranty_years	1 y	db	high

Specifications subject to change without notice.

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