



RGB LED Module Strip, 40-In. 7-Piece 5050 SMD, 5.04W DC12V IP67

- Seven 5050 SMD RGB modules on a 40-inch black PVC track
- 0.72 W per module for a 5.04 W total load at DC 12 V
- IP67-rated injection housing for wet and outdoor sign locations
- 160-degree viewing angle for 8-30 cm glowing character depth
- Double-sided adhesive and screw mounting, 96 × 15 × 6 mm per module
- 50,000-hour rated life with Epistar LED chips

OVERVIEW

The 40-inch RGB rigid module strip consists of seven 5050 SMD LED modules on a black PVC track with double-sided adhesive and screw mounting points for direct surface attachment. It is intended for channel letter and sign backlighting, cabinet and window displays, and accent illumination in retail and hospitality interiors.

Each module draws 0.72 W for a total assembly load of 5.04 W on a DC 12 V constant-voltage supply, producing 50 lm per module across a 160-degree viewing angle. The IP67-rated PVC housing measures 96 × 15 × 6 mm per module and operates from -20 to +60 degrees C, with a rated life of 50,000 hours. Up to eight tracks may be connected in series. LEDs are Epistar 5050 SMD.

RoHS compliant. Backed by a one-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	50 lm
Beam Angle	160°
LED Chip Type	5050 SMD (Epistar)
LEDs per Segment	7
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	96×15×6 mm
Length	1.02 m 3.3 ft
Finish	Black
Material	PVC
Mounting	Double-sided adhesive or screws
Weight	0.22 lb

ELECTRICAL

Operating Voltage	12 V
Wattage	5.04 W

ENVIRONMENTAL

IP Rating	IP67
Ambient Operating Temperature	-20-60 °C -4-140 °F

ORDERING

Warranty

1 y

DIMENSIONS & DIAGRAMS

Application	Front store, window
Certification	CE&ROHS
Working Temperature	-20℃ —— +60℃
Store Temperature	-50℃ —— +80℃
IP Degree	IP67



Package

Every 200 pcs per carton, Carton size: 100*20*10 cm.

Net Weight: 0.1kg/pc; 20kg/carton



Connection Diagramm

DIMENSION

CERTIFICATIONS & COMPLIANCE

RoHS

RoHS Compliant

APPLICATIONS

Channel letter and sign backlighting

Illuminated advertisement boards

Retail storefront window displays

Bar, hotel and restaurant accent lighting

Light box and cabinet illumination

slug	value	source	confidence
lumens	50 lm	pdf	high
beam_angle_deg	160°	pdf	high
led_chip_type	5050 SMD (Epistar)	pdf	high
leds_per_segment	7	pdf	high
led_lifetime_h	50,000 h	pdf	high
operating_voltage	12 V	pdf	high
wattage	5.04 W	pdf	high
product_dimensions	96×15×6 mm	pdf	high
length	1.02 m	pdf	medium
finish	Black	pdf	high
material	PVC	pdf	high
mount_type	Double-sided adhesive or screws	pdf	high
weight	0.22 lb	pdf	high
ip_rating	IP67	pdf	high
ambient_temp_c	-20–60 °C	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

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