



LED Rope Light, 5050 SMD RGB, 60 LEDs/m, 110-130 V AC Line Voltage, IP67, 50 m Roll

- 5050 SMD emitters at 60 LEDs per meter on 1.67 cm spacing
- Direct 110-130 V AC operation with no external driver
- IP67 waterproof construction for damp and outdoor runs
- ETL listed under control number 5007969
- 50 m maximum connectable run from a single plug cord
- Rated 50,000 hour LED life with a two-year warranty

OVERVIEW

LUMIPRO 5050 Series rope light is a line-voltage RGB linear luminaire supplied on 50 m (164 ft) rolls with a 10 mm pin width. It operates directly on 110-130 V AC without a separate driver and mounts with clips or in channel for cove, perimeter and outline lighting.

The extrusion measures H7 mm x W14 mm and carries 5050 SMD chips at 60 per meter on 1.67 cm centers, each rated 0.2 W and 16 lm, for 2-10 W per meter and a 120-140 degree beam spread. Rated LED life is 50,000 hours, the assembly is IP67 waterproof, and the operating range is -30 C to 40 C. The run is cuttable, connectable and dimmable.

ETL listed under control number 5007969. Two-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	16 lm
Beam Angle	140°
LED Chip Type	5050
LED Density	60 LEDs/m
LED Lifetime	50,000 h
Light Color	RGB

MECHANICAL

Product Dimensions	H7mmxW14mm
Length	50 m 164.0 ft
Minimum Cut Length	20 mm 0.79 in
Finish	White
Material	PCB
Mounting	Clip or channel

COMPLIANCE

UL File Number	5007969
----------------	---------

ELECTRICAL

Operating Voltage	110-130 V
Wattage	10 W

ENVIRONMENTAL

IP Rating	IP67
Environmental Rating	Waterproof
Ambient Operating Temperature	-30 °C -22 °F

ORDERING

Warranty	2 y
----------	-----

DIMENSIONS & DIAGRAMS

Color(s)

RGB

Dimmable

Yes

Warranty

2 years

IP Rating

IP 67

Bulb Spacing

1.67cm (0.65")

Mount

Clip or channel

Operating Temperature :(-30°C to 40°C/ -22°F to 140°F)

Front View

Side View

1

Cutting mark

2

Insert the sharp prongs of male pin connector

3

Connect the power connector

4

Ensuring secure connection

Fixed buckle

INSTALLATION

CERTIFICATIONS & COMPLIANCE

ETL

ETL Listed

UL

UL Listed
5007969

APPLICATIONS

Building perimeter and roofline outlining

Interior cove and soffit lighting

Sign cabinet and channel letter accent

Parking structure and walkway edge lighting

Retail display and architectural feature runs

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	16 lm	db	high
beam_angle_deg	140°	pdf	high
led_chip_type	5050	db	high
led_density	60 LEDs/m	db	high
led_lifetime_h	50,000 h	db	high
color	RGB	db	high
operating_voltage	110–130 V	pdf	high
wattage	10 W	pdf	high
product_dimensions	H7mmxW14mm	db	high
length	50 m	db	high
min_cut_length	20 mm	db	high
finish	White	db	high
material	PCB	db	high
mount_type	Clip or channel	pdf	high
ip_rating	IP67	both	high
environmental_rating	Waterproof	db	high
ambient_temp_c	-30 °C	pdf	high
ul_file_number	5007969	db	high
warranty_years	2 y	db	high

PoliiLED · poliled.com · sales@poliled.com

M-HRN-5050-60-RGB · Rev 1.0.0.1.0.0-131111 · Page 2 of 3

REVIEW COPY