



Flexible LED Rope Light, SMD5730
Chip, 120 LEDs/m, 9W/m, 3000K, IP67,
50m Roll

- SMD5730 LED chip type with 120 LEDs per meter density
- Draws 9W per meter at 120VAC operating voltage
- 3000K color temperature with CRI of 80 for warm white light
- IP67 rated for waterproof, dust-tight outdoor performance
- LED lifetime rated at 50,000 hours
- Supplied in 50-meter rolls with 1-year warranty

OVERVIEW

The 12mm SMD5730 Series Rope Light is a flexible LED lighting solution designed for indoor and outdoor applications, including architectural accent lighting, perimeter outlining, signage backlighting, and decorative installations. Its weatherproof construction supports use in exposed environments where moisture resistance is required.

The fixture operates at 120VAC and draws 9W per meter, with a density of 120 LEDs per meter rated at 3000K for warm white output and a CRI of 80. The IP67 rating confirms dust-tight protection and resistance to temporary water immersion, with an LED lifetime rated at 50,000 hours. Units are supplied in 50-meter rolls, providing flexibility for large-scale or continuous-run installations.

This product carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

Efficacy	4,560 lm/W
Color Temperature	3,000 K
CRI	80
LED Chip Type	SMD5730
LED Density	120 LEDs/m
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Length	50 m 164.0 ft
Finish	White

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	120 V
Wattage	9 W

ENVIRONMENTAL

IP Rating	IP67
Environmental Rating	Waterproof

APPLICATIONS

- Architectural accent lighting
- Perimeter and outline lighting
- Signage backlighting
- Decorative and cove lighting installations
- Outdoor exposed - environment lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
efficacy_lm_per_w	4,560 lm/W	db	high
cct_k	3,000 K	db	high
cri	80	db	high
led_chip_type	SMD5730	db	high
led_density	120 LEDs/m	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	120 V	db	high
wattage	9 W	db	high
length	50 m	db	high
finish	White	db	high
ip_rating	IP67	db	high
environmental_rating	Waterproof	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.