



12mm SMD5730 Rope Light, 9W/m, 120 LEDs/m, 6000K, IP67, 120V, 50m Roll

- SMD5730 LED chip type with 120 LEDs per meter density
- 9W per meter power draw at 120V AC operating voltage
- 6000K cool white color temperature at 80 CRI
- IP67 rated with PVC coating for outdoor exposure
- Rated for 50,000 -hour LED lifetime
- Supplied in 50-meter rolls, sold by the meter

OVERVIEW

The M-HL-28-120-6K is a 12mm rope light built with SMD5730 LEDs, designed for indoor and outdoor use including architectural accent lighting, perimeter outlining, signage backlighting, and decorative installations. It is supplied in 50-meter rolls and operates on 120V AC, compatible with standard North American electrical infrastructure. The rope light is cuttable and sold by the meter to suit project-specific lengths.

This rope light draws 9W per meter and produces a 6000K cool white output at 80 CRI, with 120 LEDs per meter for uniform illumination along its full length. The PVC-jacketed construction carries an IP67 rating, suited for exposed outdoor environments, and is rated for a 50,000-hour LED lifetime.

This product carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

Efficacy	4,560 lm/W
Color Temperature	6,000 K
CRI	80
LED Chip Type	SMD5730
LED Density	120 LEDs/m
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Product Dimensions	17*7.5mm
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 installations
- Outdoor exposed lighting runs

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
efficacy_lm_per_w	4,560 lm/W	db	high
cct_k	6,000 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
product_dimensions	17*7.5mm	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.