



LED Rope Light 120VAC Red 9W/m 60 Chips/m IP67 PVC 50m Roll

- Operates at 120VAC, consuming 9W per meter
- 60 LED chips per meter at 22 lumens per chip
- IP67 rated for outdoor and wet-location use
- Rated for -40 to 40 degrees C ambient operation
- 50,000-hour LED lifetime with 80 CRI
- UL Listed with 1-year warranty

OVERVIEW

The M-HL-50-60-R is a red LED rope light for indoor and outdoor decorative and accent lighting applications. Supplied on a 50-meter roll with a 9.5mm pin configuration, it suits architectural outlining, signage backlighting, and landscape installations requiring a continuous red light source.

The rope light operates at 120VAC and consumes 9W per meter, with 60 chips per meter rated at 22 lumens per chip and 80 CRI. The assembly carries an IP67 rating for resistance to dust ingress and temporary submersion, and is rated for ambient temperatures from -40 to 40 degrees C with a 50,000-hour LED lifetime. Minimum cut length is 0.5m.

This product carries a 1-year warranty and is UL Listed.

SPECIFICATIONS

OPTICAL

Luminous Flux	22 lm
Efficacy	108 lm/W
CRI	80
LED Density	60 LEDs/m
LED Lifetime	50,000 h
Light Color	Red

MECHANICAL

Product Dimensions	14.5*7.5mm
Length	50 m 164.0 ft
Minimum Cut Length *	.5m

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	120 V
Wattage	9 W

ENVIRONMENTAL

IP Rating	IP67
Ambient Operating Temperature	-40-40 °C -40-104 °F

CERTIFICATIONS & COMPLIANCE



UL Listed

APPLICATIONS

- Architectural outlining
- Signage backlighting
- Landscape accent lighting
- Outdoor decorative trim
- Commercial building perimeter lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	22 lm	db	high
efficacy_lm_per_w	108 lm/W	db	high
cri	80	db	high
led_density	60 LEDs/m	pdf	high
led_lifetime_h	50,000 h	db	high
color	Red	db	high
operating_voltage	120 V	db	high
wattage	9 W	db	high
product_dimensions	14.5*7.5mm	db	high
length	50 m	db	high
min_cut_length	.5m	db	low
ip_rating	IP67	db	high
ambient_temp_c	-40-40 °C	db	high
warranty_years	1 y	db	high

* Value inferred from source data; verify before specification.
Specifications subject to change without notice.