



CCT Tunable LED Rope Light, 9W/m, IP67, 120 Chips/m, 110VAC, 50m Roll

- SMD2835 chips at 120 chips per meter for continuous illumination
- 9W per meter power draw on a 110VAC supply
- IP67 rated for dust and temporary water immersion resistance
- CRI of 80 with a base color temperature of 3000K
- 50,000-hour rated LED lifetime
- Minimum cut length of 0.5m for custom runs

OVERVIEW

The M-HL-57-120-WW-W is a CCT-tunable LED rope light designed for flexible architectural, accent, and perimeter lighting applications in both indoor and outdoor environments. Sold by the meter from a 50-meter roll, it accommodates custom installation lengths for commercial and residential projects.

Each meter draws 9W from a 110VAC supply and uses SMD2835 chips rated at 45 lumens per chip, with a CRI of 80 and a base CCT of 3000K. The IP67-rated construction provides protection against dust ingress and temporary water immersion, supporting exposed or semi-exposed outdoor installations.

The rope light is UL Listed and carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	45 lm
Efficacy	108 lm/W
Color Temperature	3,000 K
CRI	80
LED Chip Type	SMD2835
LED Density	120 LEDs/m
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Product Dimensions	(L)50m*12mm
Length	50 m 164.0 ft
Minimum Cut Length *	.5m
Finish	White

ELECTRICAL

Operating Voltage	120 V
Wattage	9 W

ENVIRONMENTAL

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

ORDERING

Warranty

1 y

CERTIFICATIONS & COMPLIANCE



UL Listed

APPLICATIONS

- Outdoor perimeter and accent lighting
- Architectural facade illumination
- Commercial signage backlighting
- Landscape and pathway lighting
- Under-canopy and soffit lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	45 lm	db	high
efficacy_lm_per_w	108 lm/W	db	high
cct_k	3,000 K	db	high
cri	80	db	high
led_chip_type	SMD2835	db	high
led_density	120 LEDs/m	pdf	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	(L)50m*12mm	db	high
length	50 m	db	high
min_cut_length	.5m	db	low
finish	White	db	high
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.