



Flexible LED Rope Light, SMD2835, 120 LEDs/m, 2400K, IP67, 110-130V Input

- SMD2835 chip platform with 120 LEDs per meter for continuous illumination
- 2400K color temperature at 80 CRI for warm architectural accent lighting
- IP67-rated silicone housing suited to damp and wet-location installs
- Operates on 110-130V input across a -40 to 40°C ambient range
- Field-cuttable every 20mm for flexible length adjustment on site
- Rated for 50,000-hour LED lifetime with a 2-year warranty

OVERVIEW

The M-HR-2835-120-24K is a 10mm silicone rope light built on the SMD2835 platform, operating at 2400K for a warm, amber-toned output suited to architectural accent lighting, cove installations, and decorative commercial applications. The silicone construction and low-profile cross-section allow integration into channels and mounting profiles for both indoor and damp-location work.

Each chip delivers 24 lumens at 0.25W, with 120 chips per meter providing consistent light distribution along the run and an efficacy of 24 lm/W. The rope accepts 110-130V input, carries an IP67 rating for wet and damp locations, and operates across an ambient range of -40 to 40°C. Cross-section dimensions are 7mm high by 14mm wide, and the rope can be field-cut at intervals down to 20mm.

The product carries a 2-year warranty and is listed to ETL safety standards.

SPECIFICATIONS

OPTICAL

Luminous Flux	24 lm
Efficacy	24 lm/W
Color Temperature	2,400 K
CRI	80
LED Chip Type	SMD2835
LED Density	120 LEDs/m
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Product Dimensions	H:7 mm x W: 14mm
Minimum Cut Length	20 mm 0.79 in
Finish	White
Material	Silicone

ELECTRICAL

Operating Voltage	120 V
Wattage	0.25 W

ENVIRONMENTAL

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

ORDERING

Warranty

2 y

CERTIFICATIONS & COMPLIANCE



ETL Listed

APPLICATIONS

- Cove lighting
- Architectural accent lighting
- Channel and profile lighting integration
- Decorative commercial lighting
- Damp-location outdoor accent lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	24 lm	db	high
efficacy_lm_per_w	24 lm/W	db	high
cct_k	2,400 K	db	high
cri	80	db	high
led_chip_type	SMD2835	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	0.25 W	db	high
product_dimensions	H:7 mm x W: 14mm	db	high
min_cut_length	20 mm	db	high
finish	White	db	high
material	Silicone	db	high
ip_rating	IP67	db	high
ambient_temp_c	-40–40 °C	db	high
warranty_years	2 y	db	high

Specifications subject to change without notice.