



Dual-Sided LED Neon Strip, Red 625nm, 6W/m, 120VAC, IP65 Outdoor

- Red (625nm) LED output at 160 lm/m with 310° beam angle
- 6W/m power draw on 120VAC input, no external driver required
- 8.5 × 18mm dual-sided PVC profile with UL V0 flame rating
- IP65 rated for exposed outdoor use with anti-UV PVC housing
- 50m roll length with cut points every 18 inches for field sizing
- ETL listed with 3-year warranty and 50,000-hour LED lifetime

OVERVIEW

The M-ND8-120-R is a dual-sided LED neon strip in red (625nm) designed for commercial signage, architectural accent lighting, and outdoor channel letter applications. Operating at 120VAC, it installs without a separate driver and is available in 50-meter rolls with cut points every 18 inches, allowing field-trimmed runs to suit a wide range of project layouts. The strip delivers 160 lm/m at 6W/m and is rated for 50,000 hours of service life. The 8.5×18mm profile houses UV-resistant PVC with a UL V0 flame rating and carries an IP65 environmental rating, making it suitable for exposed outdoor installations. CRI is rated above 80. The M-ND8-120-R is ETL listed and backed by a 3-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	160 lm
CRI	80
Beam Angle	310°
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	8.5*18
Length	50 m 164.0 ft
Strip Width	8.5 mm 0.33 in
Minimum Cut Length	457 mm 17.99 in
Material	UV-resistant PVC, UL V0 flame rated

ELECTRICAL

Operating Voltage	120 V
Wattage	6 W

ENVIRONMENTAL

IP Rating	65
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ORDERING

Warranty	3 y
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CERTIFICATIONS & COMPLIANCE



APPLICATIONS

- Channel letter signage
- Architectural accent lighting
- Outdoor building perimeter lighting
- Retail storefront trim
- Commercial signage backlighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	160 lm	db	high
cri	80	db	high
beam_angle_deg	310°	db	high
led_lifetime_h	50,000 h	db	high
operating_voltage	120 V	db	high
wattage	6 W	db	high
product_dimensions	8.5*18	db	high
length	50 m	pdf	high
strip_width	8.5 mm	pdf	medium
min_cut_length	457 mm	pdf	medium
material	UV - resistant PVC, UL V0 flame rated	pdf	high
ip_rating	65	pdf	high
warranty_years	3 y	db	high

Specifications subject to change without notice.