



Slim Red LED Exit Sign, 90 - Minute Battery Backup, 120/277V, UL 924 Damp Location

- Field-selectable single- or double-face with 6-inch illuminated legend
- Maintenance-free 3.6V NiCad battery rated for 90 minutes of discharge
- Injection-molded thermoplastic ABS housing with UL-94V-0 flame rating
- 4.0W input rating at 120/277VAC 60Hz with 60mA draw
- UL 924 Listed for damp locations, wall, end or ceiling mounting
- Built-in test switch and charge indicator light for compliance checks

OVERVIEW

The EM-EBS-R is a slim-profile red LED exit sign with integrated battery backup, designed for commercial and industrial emergency egress applications. The universal housing is field-selectable for single- or double-face service and mounts to a wall, end or ceiling.

The sign operates on 120/277VAC 60Hz at a 4.0W, 60mA input rating and uses long-life, high-intensity SMD LEDs to illuminate 6-inch legend characters. A maintenance-free 3.6V NiCad battery charges in 24 hours and provides 90 minutes of discharge, with overcharge and over-discharge protection to extend service life. A built-in test switch and charge indicator support routine inspection. The injection-molded ABS housing carries a UL-94V-0 flame rating and operates from 0°C to 40°C.

UL 924 Listed for damp locations and built to meet NFPA 101, NEC and OSHA requirements. Covered by a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	3 lm
LED Chip Type	SMD LED

MECHANICAL

Product Dimensions	299*184.5*44.6mm
Finish	White
Material	Injection-molded ABS thermoplastic, UL-94V-0
Mounting	Wall, end or ceiling

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	220-240 V
Wattage	4 W
Current Draw	0.06 A

ENVIRONMENTAL

Environmental Rating	Damp location
Ambient Operating Temperature	0-40 °C 32-104 °F

CERTIFICATIONS & COMPLIANCE



UL Listed

APPLICATIONS

- Commercial stairwells and egress corridors
- Parking garages and loading docks
- Warehouse and distribution aisles
- Retail back-of-house areas
- Mechanical and electrical rooms

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	3 lm	db	high
led_chip_type	SMD LED	pdf	medium
operating_voltage	220–240 V	pdf	high
wattage	4 W	pdf	high
current_draw	0.06 A	pdf	high
product_dimensions	299*184.5*44.6mm	pdf	high
finish	White	pdf	high
material	Injection - molded ABS thermoplastic, UL-94V-0	pdf	high
mount_type	Wall, end or ceiling	pdf	high
environmental_rating	Damp location	pdf	high
ambient_temp_c	0–40 °C	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.