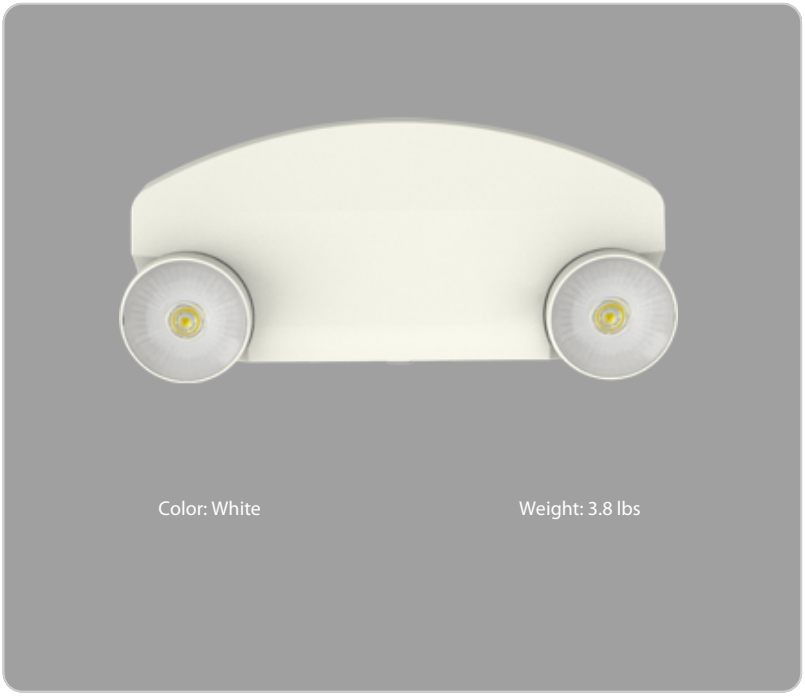
EM34



Color: White

Weight: 3.8 lbs

Project:	**Type:**
Prepared By:	**Date:**

Technical Specifications

Performance

Product Type:
Low Profile Emergency Light

Product Series:
EM34
Emergency Light

Description:
These edge-lit exit signs provide a high-end aesthetic while still being economical. The exit sign panel tilts 0-180°, fitting many moutnting orientations, and comes with surface and recessed mounting hardware in the box.

Input Power (W):
1.8W

Lumens (Nominal):
160lm

Construction

Housing Material:
Injection-molded thermoplastic ABS housing, UL 94V-0 flame rating

Housing Finish:
White Finish

Illumination Source:
2 Lamp Heads

Optical System:
High-performance chromeplated reflectors and polycarbonate lenses for optimal light distribution

Head Orientation:
Adjustable heads for aiming light where required
330° Rotation, 40° Tilt

Remote Capable:
No

LED Characteristics

Color Temperature:
6500K

Electrical

Input Voltage (V):
Universal 120-277 Voltage

Operating Frequency:
50/60Hz

Input Current @ 120V (A):
0.02A

Input Current @ 277V (A):
0.01A

Maximum Output Wattage:
2W

Operating Temperature:
32°F to 104°F (0°C to 40°C)

Emergency Characteristics

Battery Backup:
Yes

Emergency Illumination:
90 minutes

Battery Voltage:
3.6V

Recharge Time:
Maximum 24 hours for full recharge time

Battery Operating Temperature:
0°F to 40°F (32°C to 104°C)

Testing Method:
Integrated Test Switch & Charge Indicator

Other

Battery:
Built-in 3.6V 1000mAh NI-MH battery

Copyright © 2026 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice

Technical Specifications (continued)

3-Year, No-Compromise Warranty:
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of three (3) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Installation

Mounting:
Universal J-Box Mounting Pattern

Application:
Wall Mount

Mounting Height:
7.5 ft

Emergency Egress Coverage(ft) Mounting at height of 7.5ft:
14 ft x 3 ft

Compliance

Listing:
UL924 Listed, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards

Environment:
Suitable for use in dry and damp environments. Not suitable for applications with direct sunlight.

IP Rating:
IP20

T20 Compliant:
Can be used to conform with the requirements of California Title 20

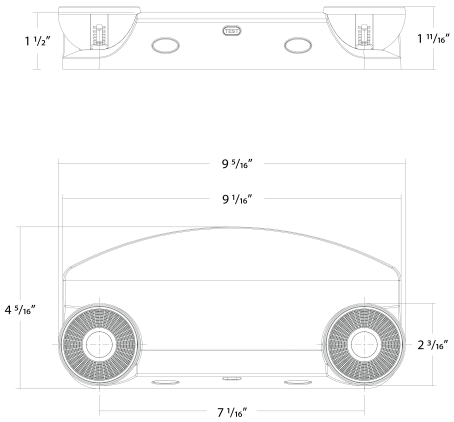
California Title 24 JA8 Compliant:
No

California Energy Commission (CEC) Status:
Lawful for Sales in California

FCC:
Complies with Part 15 of the FCC Rules

Copyright © 2026 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice

Dimensions



Features

- Low-profile thermoplastic emergency light with two adjustable LED heads
- Housing in white or black finish (by model), UL 94V-0
- Integrated battery backup, 90 minutes of emergency power
- Wall or ceiling mount; back plate fits most standard junction boxes
- Meets UL924, NFPA 101 Life Safety Code, NEC and OSHA illumination standards; compliant with California Title 20

Ordering Matrix

Family	Remote Capacity	Housing Color	Driver
EM34			
	Blank = No Remote Capable **R =** Remote Capable	**Blank =** White **B =** Black	**Blank =** 120-277V

Copyright © 2026 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice