



Project:	Type:
Prepared By:	Date:

Technical Specifications

Performance

Product Type:

Emergency Unit

Description:

Ultra-economy Low Profile Thermoplastic  
Emergency Light

Input Power:

1.2W

Lumens:

160lm

Electrical

Power Factor:

0.4

Input Voltage:

120-277V

Operating Frequency:

50/60Hz

Input Current @ 120V (mA):

15mA

Input Current @ 277V (mA):

10mA

Maximum Output Wattage:

2W

Dual Voltage Circuit Operation:

No

Operating Temperature:

32°F to 104°F (0°C to 40°C)

Emergency Illumination:

90 minutes

Battery Backup:

Yes

Battery Type:

Nickel-Metal Hydride

Battery Voltage:

3.6V

Recharge Time Required:

24-hours

Battery Operating Temperature:

32°C to 104°C (0°F to 40°F)

Storage Temperature:

68°F to 86°F (20°C to 30°C)

Storage Shelf Life:

3 years before the initial charge. 5 years after initial  
charge.

Self Diagnostics:

No, manual test only

Remote Test Switch:

No

Installation

Mounting Method:

Back

Mounting Type:

Wall Mount

Maximum Mounting Height (ft.):

20 ft

Spacing Criteria for Emergency Egress :

14 ft on center assuming 7.5 ft mounting height with  
egress path 3 ft out

Cold Weather Rated:

No

Construction

Shape:

Rectangle

**Technical Specifications (continued)****Housing Material:**

Thermoplastic

**Housing Color:**

White

**Remote Capacity:**

No

**No. of Heads:**

2-Lamp Heads

**Head Shape:**

Round

**Remote Head Lumens (lm):**

160lm

**Remote Heads Replaceable:**

No

**Compliance**

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**Listings:**

UL924 Listed

**Environment:**

Suitable for use in dry and damp environments

**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

**Other**

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**Compatible Products:**

EREMOTE-RTS

Wall Mount Remote Test Button Switch

**Warranty:**

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) 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](http://rablighting.com/warranty).

Mounting Height	Path of Egress, 3' Out		Path of Egress, 6' Out		Application Notes
	Single Luminaire	Multiple luminaires	Single Luminaire	Multiple luminaires	
7.5'	16'	17'	19'	19'	Room Size: 50' L x 8' W x 9' H <i>Direct calculation method used.            Reflectances excluded.</i>
	Tilt: 40°	Tilt: 35°	Tilt: 40°	Tilt: 40°	
	Orient: 30°	Orient: 30°	Orient: 30°	Orient: 30°	

Example of a single luminaire lighting a 3' path of egress

Example of a single  
luminaire lighting  
a 3' path of egress.

Family	Heads	High Lumen	Remote Capacity	Housing
EM34				
	Blank = 2 Heads	Blank = No High Lumen H = High Lumen	Blank = No Remote Capable R = Remote Capable	Blank = White Housing