

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

**Technical Specifications**

**Performance**

**Product Type:**

Exit Combo

**Description:**

Ultra-economy exit sign combo with 90-minute emergency battery backup unit.

**Input Power:**

3W

**Lumens:**

160lm

**Electrical**

**Power Factor:**

0.4

**Input Voltage:**

120-277V

**Operating Frequency:**

50/60Hz

**Input Current @ 120V (mA):**

45mA

**Input Current @ 277V (mA):**

20mA

**Maximum Output Wattage:**

4.2W

**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 122°C (0°F to 50°F)

**Storage Temperature:**

32°F to 104°F (0°C to 40°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/Top/Side

**Mounting Type:**

Wall/Ceiling 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

**Panel Material:**

Thermoplastic

**Panel Color:**

White

**Letter Color:**

Red/Green

**Number of Faces:**

Universal Single/Double Face

**Arrow Direction:**

Left/Right Arrow

**Sign Format:**

Stencil

**Remote Capacity:**

Yes

**No. of Heads:**

2-Lamp Heads

**Head Shape:**

Round

**Remote Head Power (W):**

1.8W

**Remote Head Lumens (lm):**

160lm

**Remote Heads Replaceable:**

No

**Remote Power (W) Capacity:**

2W

**Compliance**

**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**

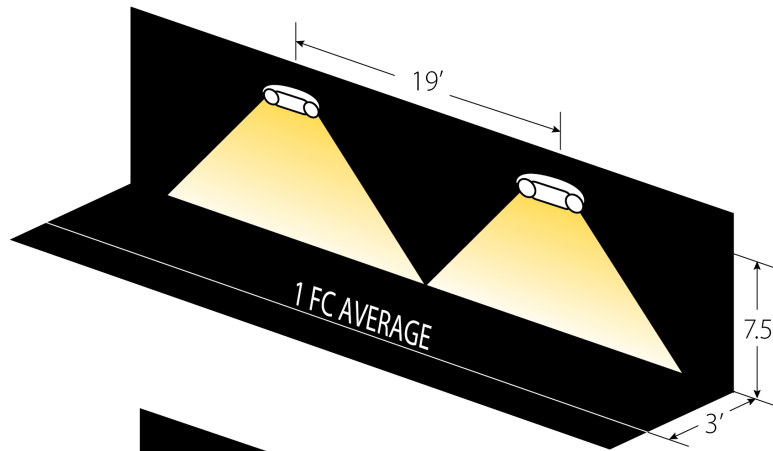
**Warranty:**

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).

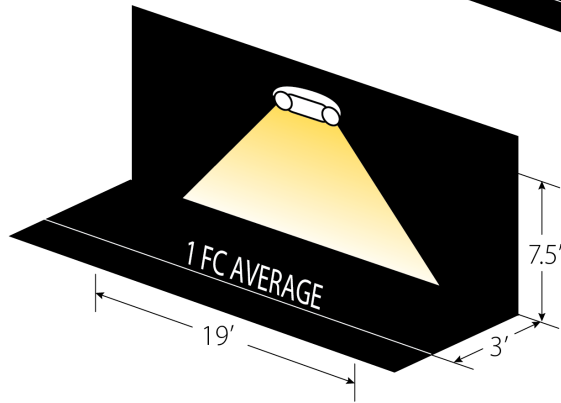
Maximum Spacing Guidelines

Mounting Height	Path of Egress, 3' Out		Path of Egress, 6' Out		Application Notes
	Single Luminaire	Multiple Luminaires	Single Luminaire	Multiple Luminaires	
7.5'	18'	19'	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: 35°	
	Orient: 30°	Orient: 30°	Orient: 30°	Orient: 30°	

NFPA 101 Life Safety Code emergency egress: 1 FC average, 0.1 FC minimum & 40:1 max:min

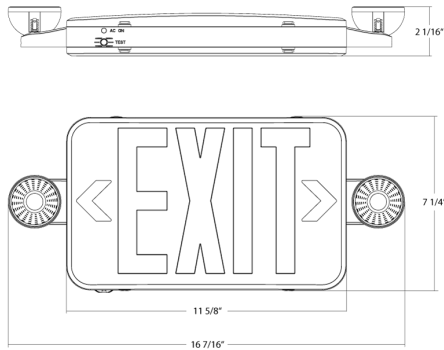


Example of multiple luminaires lighting a 3' path of egress.



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

**Dimensions**



**Features**

- Universal faces with red/green letters
- Durable thermoplastic design
- 90 minutes of battery backup
- Compliant with California Title 20

**Ordering Matrix**

Family	Face	Heads	Exit Sign Letter Color	High Lumen	Remote Capable
ECOMBO34			RG		R
	Blank = Universal Faces	Blank = 2 Heads	Blank = Red G = Green RG = Red/Green Selectable	Blank = No High Lumen H = High Lumen	Blank = No Remote Capable R = Remote Capable