# ECOMBO34-RG




Color: White

Weight: 1.5 lbs

| | |
|---|---|
| **Project:** | **Type:** |
| **Prepared By:** | **Date:** |

## Technical Specifications

### Performance

**Product Type:**
Exit Combo

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

**Input Power:**
1.1W @120V; 1.3W @277V

**Lumens:**
42lm

**Lumens (per fixture):**
84lm

### Electrical

**Power Factor:**
0.14@120V; 0.05@277V

**Input Voltage:**
Dual 120/277 Voltage

**Operating Frequency:**
60Hz

**Input Current @ 120V (mA):**
80mA

**Input Current @ 277V (mA):**
90mA

**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 Cadmium

**Battery Voltage:**
3.6V

**Recharge Time Required:**
24-hours

**Battery Operating Temperature:**
32°C to 122°C (0°F to 50°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/Top

**Mounting Type:**
Wall/Ceiling Mount

**Maximum Mounting Height (ft.):**
8 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


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## 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:**
Field installable chevrons included

**Sign Format:**
Stencil

**Remote Capacity:**
No

**No. of Heads:**
2-Lamp Heads

**Head Shape:**
Round

**Remote Head Power (W):**
0.5W

**Remote Head Lumens (lm):**
42lm

**Remote head Lumens (per fixture):**
84lm

**Remote Heads Replaceable:**
No

### Compliance

**Listings:**
UL924 Listed

**Environment:**
Suitable for indoor use in dry and damp environments

**IP Rating:**
Indoor

**Certification Model Number:**
CEU3RGW

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

**California Title 24 JA8 Compliant:**
Not applicable

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

**FCC:**
Complies with Part 15 of the FCC Rules

### Other

**5 Yr Limited Warranty:**
The RAB 5-year, limited warranty covers light output, driver perfomance, paint finish and labor. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.
Battery is prorated.

**Note:**
All values are typical (tolerance +/- 10%)

**Buy American Act Compliance:**
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.


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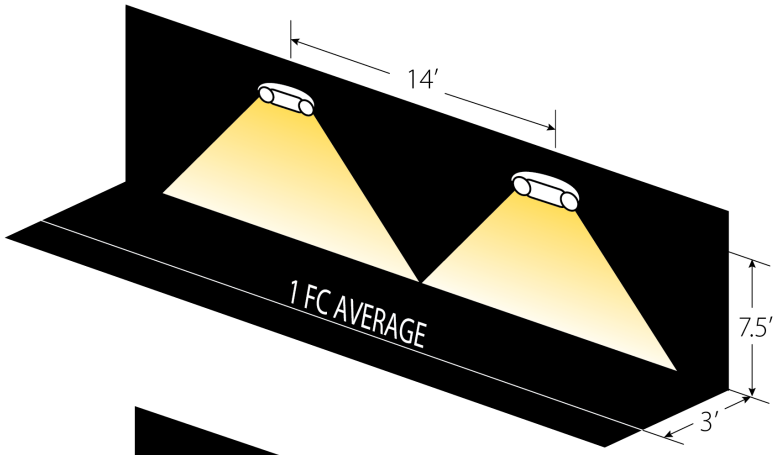
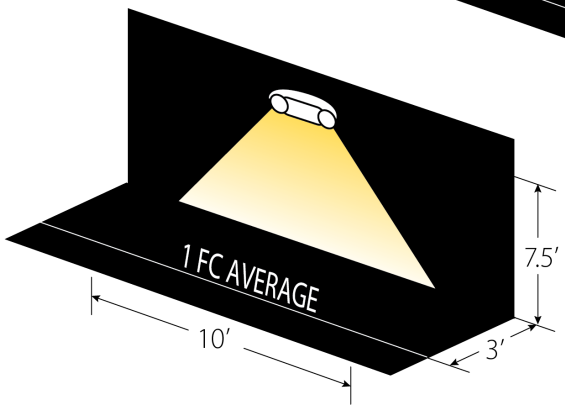
## Maximum Spacing Guidelines

| Mounting Height | Path of Egress, 3′ Out | | Path of Egress, 6′ Out | | Application Notes |
|---|---|---|---|---|---|
| | Single Luminaire | Multiple Luminaires | Single Luminaire | Multiple Luminaires | |
| 7.5′ | 10′ | 14′ | 13′ | 15′ | Room Size: 50′ L x 8′W x 9′H *Direct calculation method used. Reflectances excluded.* |
| | Tilt: 20° | Tilt: 20° | Tilt: 40° | Tilt: 40° | |
| | Orient: 30° | Orient: 30° | Orient: 30° | Orient: 30° | |

*Note: Meets NFPA 101 illumination requirements of 1 FC average, 0.1 FC minimum, and 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.*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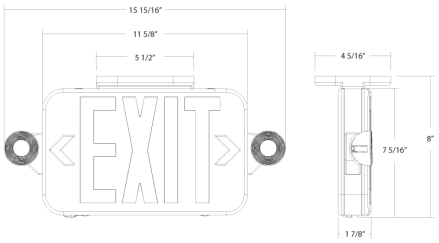
## Dimensions




## 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<br>**G =** Green<br>**RG =** Red/Green Selectable | **Blank =** No High Lumen<br>**H =** High Lumen | **Blank =** No Remote Capable<br>**R =** Remote Capable |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