# ECOMBO-1LACH




Color: White

Weight: 8.1 lbs

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

## Technical Specifications

### Performance

**Product Type:**
Exit Combo Chicago Approved

**Description:**
Chicago-approved exit sign combo with 90-minute emergency battery backup unit.

**Input Power:**
12W @120V; 13W @277V

**Lumens:**
349lm

**Lumens (per fixture):**
698lm

### Electrical

**Power Factor:**
0.9

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

**Operating Frequency:**
60Hz

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

**Input Current @ 277V (mA):**
60mA

**Dual Voltage Circuit Operation:**
No

**Operating Temperature:**
68°F to 122°F (20°C to 50°C)

**Emergency Illumination:**
120 minutes

**Battery Backup:**
Yes

**Battery Type:**
Nickel Cadmium

**Battery Voltage:**
6V

**Recharge Time Required:**
24-hours

**Battery Operating Temperature:**
68°C to 122°C (20°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/End

**Mounting Type:**
Wall/Ceiling Mount

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

**Spacing Criteria for Emergency Egress :**
46 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:**
Sheet Metal

**Housing Color:**
White

**Panel Material:**
Glass

**Panel Color:**
White

**Letter Color:**
Red

**Number of Faces:**
Single Face

**Arrow Direction:**
Left Arrow

**Sign Format:**
Panel

**Remote Capacity:**
No

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

**Head Shape:**
Round

**Remote Head Power (W):**
5W

**Remote Head Lumens (lm):**
349lm

**Remote head Lumens (per fixture):**
698lm

**Remote Heads Replaceable:**
Yes

### Compliance

**Listings:**
UL924 Listed

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

**IP Rating:**
Indoor

**Certification Model Number:**
CALEDCXTEU1RW-LA

**T20 Compliant:**
Not compliant

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

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

**City Compliance:**
Chicago Approved

**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.

**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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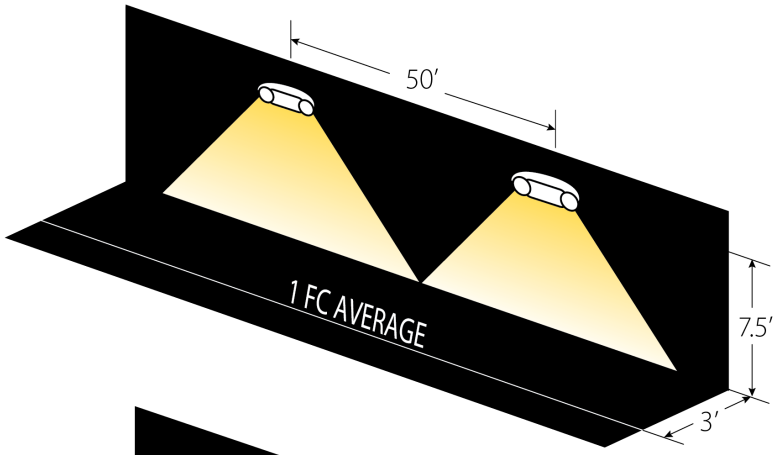
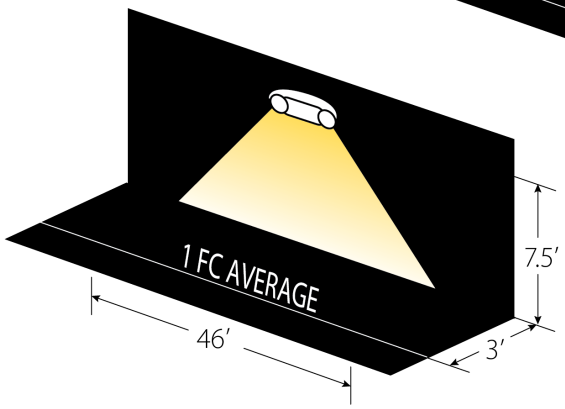
### Maximum Spacing Guidelines

| Mounting Height | Path of Egress, 3′ Out | | Path of Egress, 6′ Out | | Application Notes |
|---|---|---|---|---|---|
| | Single Luminaire | Multiple Luminaires | Single Luminaire | Multiple Luminaires | |
| 7.5′ | 46′ | 50′ | 49′ | 54′ | Room Size: 100′ L x 8′ W x 9′ H *Direct calculation method used. Reflectances excluded.* |
| | Tilt: 50° | Tilt: 55° | Tilt: 60° | Tilt: 60° | |
| | Orient: 50° | Orient: 80° | Orient: 50° | Orient: 60° | |

*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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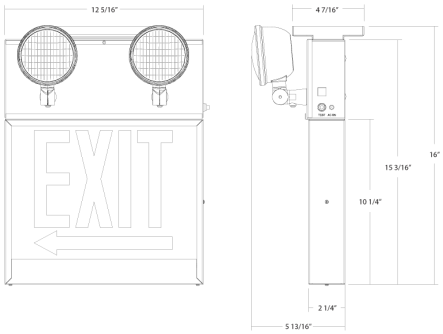
## Dimensions




## Features

- Exit & Emergency (Indoor)
- Single-face panel with red letters
- Durable sheet metal housing
- 90 minutes of battery backup

## Ordering Matrix

| Family | Face | Heads | Exit Sign Letter Color | Arrows | Panel | Remote Capable | City |
|---|---|---|---|---|---|---|---|
| ECOMBO | 1 | | | LA | | | CH |
| | **1 =** 1 Face<br>**Blank =** Universal Faces | **Blank =** 2 Heads | **Blank =** Red | **Blank =** No Arrow<br>**LRA =** Left Right Arrow<br>**RA =** Right Arrow<br>**LA =** Left Arrow<br>**DA =** Double Arrow | **Blank =** White Panel | **R =** Remote Capable<br>**Blank =** No Remote Capable | **CH =** Chicago |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