



|                                      |                               |
|--------------------------------------|-------------------------------|
| Project:<br><input type="text"/>     | Type:<br><input type="text"/> |
| Prepared By:<br><input type="text"/> | Date:<br><input type="text"/> |

Technical Specifications

Performance

Product Type:

Exit Combo Chicago Approved

Description:

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

Input Power (W):

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 Type:

Nickel Cadmium

Battery Voltage:

6V

Recharge Time Required:

24-hours

Battery Operating Temperature:

20°F to 50°F (68°C to 122°C)

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

Emergency Backup

Battery Backup:

Yes

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

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

Sheet Metal

**Certification Model Number:**

CALEDXTEU2RW-NA

**Housing Color:**

White

**T20 Compliant:**

Not compliant

**Panel Material:**

Glass

**California Title 24 JA8 Compliant:**

Not applicable

**Panel Color:**

White

**California Energy Commission (CEC) Status:**

Lawful for Sales in California

**Letter Color:**

Red

**City Compliance:**

Chicago Approved

**Number of Faces:**

Universal Single/Double Face

**FCC:**

Complies with Part 15 of the FCC Rules

**Arrow Direction:**

No Arrow

**Other****Sign Format:**

Panel

**5-Year, No-Compromise 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).

**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

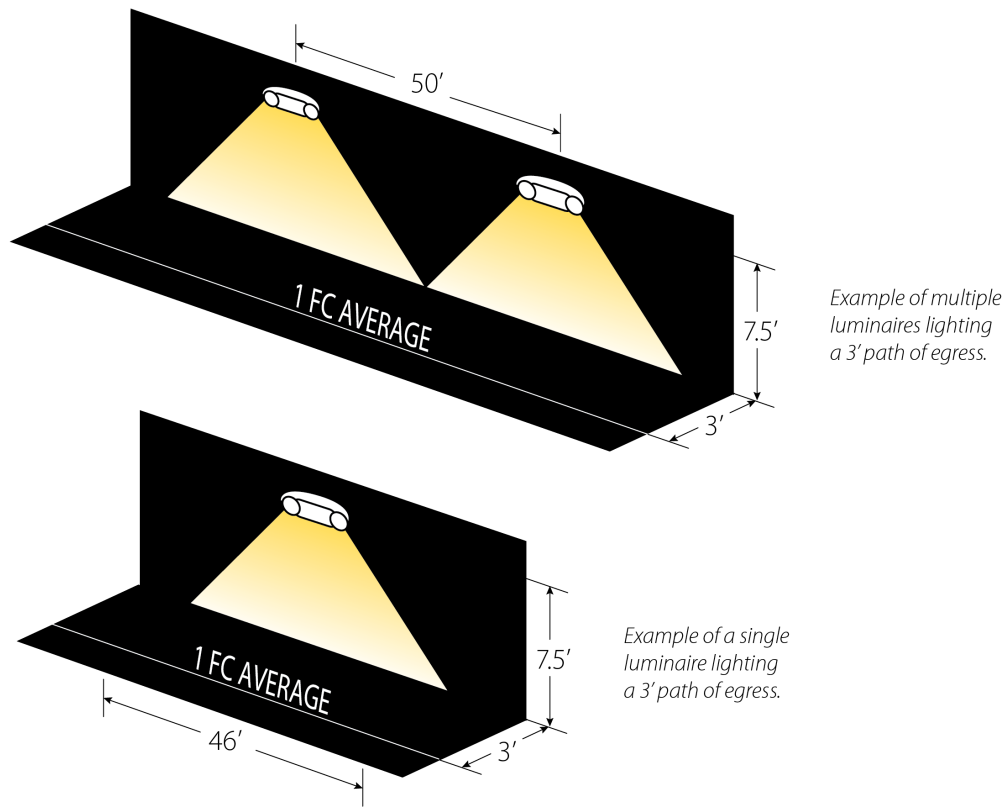
**IP Rating:**

Indoor

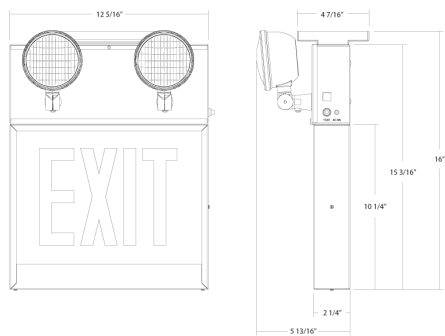
Maximum Spacing Guidelines

| 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:<br>100' L x 8' W x 9' H<br><i>Direct calculation method used.<br/>Reflectances excluded.</i> |
|                 | 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.



Dimensions



Features

Exit & Emergency (Indoor)

Ordering Matrix

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