ECOMBO-1CH



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:
No 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-NA

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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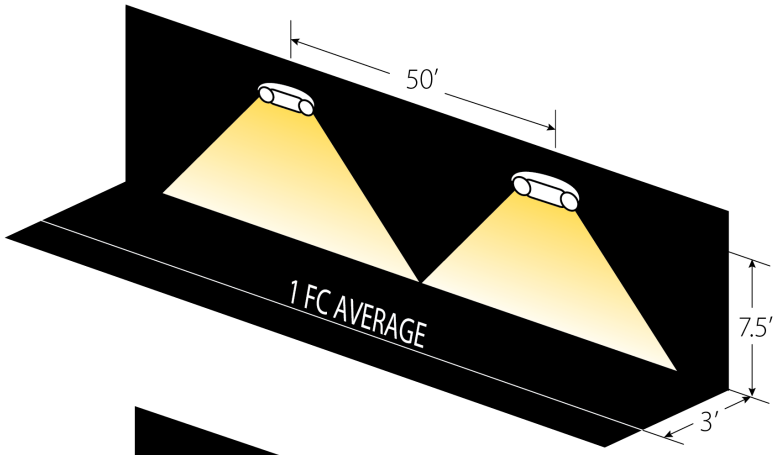
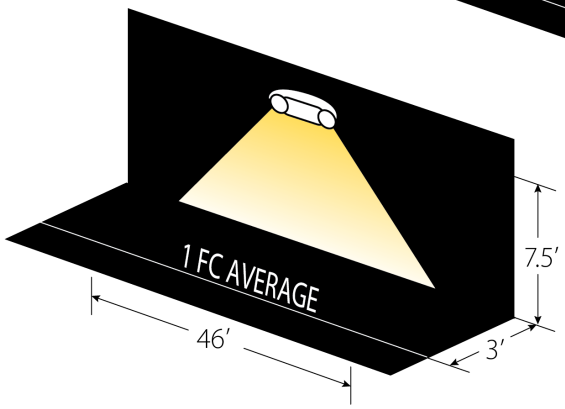
Maximum Spacing Guidelines

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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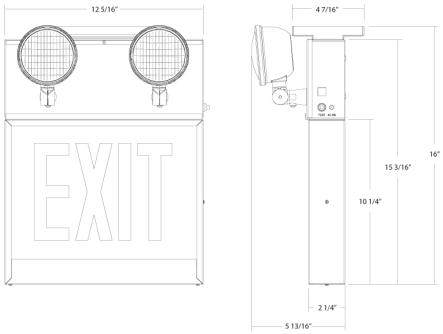
Dimensions



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						CH
	1 = 1 Face **Blank =** Universal Faces	**Blank =** 2 Heads	**Blank =** Red	**Blank =** No Arrow **LRA =** Left Right Arrow **RA =** Right Arrow **LA =** Left Arrow **DA =** Double Arrow	**Blank =** White Panel	**R =** Remote Capable **Blank =** No Remote Capable	**CH =** Chicago

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