

FEATURES & SPECIFICATIONS

**INTENDED USE** — LED lighted exit signs for marking the means of egress in accordance with NFPA101 (current Life Safety Code). The ECRG has an internal switch that ships standard as a red exit and can be switched in the field to green. It is also packaged standard with an extra faceplate along with red and green inserts.

**CONSTRUCTION** — Injection-molded, flame-retardant, high-impact, thermoplastic black housing with snap-fit design components for easy installation. Universal J-box pattern. Universal chevrons are easily removed for directional indication. Ships with extra faceplate to quickly convert from single to double face exit sign depending on the application. Universal chevrons are easily removed for directional indication.

Letters 6" high with 3/4" stroke, with 100 ft viewing distance rating, based on UL924 standards.

**OPTICS** — The typical life of the exit LED lamp is >5 years, based on 24/7 operation.

ECRG RD is 0.75W per lamp head, white LED.

CRI: RD 80CRI

CCT: RD 6200K

Lumens: RD 85 lumens

**ELECTRICAL** — ECRG RD: multi-voltage 120-277V, 50/60Hz.

Bi-color LED status indicator for battery condition. (Green-normal, Red-check battery).

**BATTERY**: 3.6V maintenance-free, rechargeable, Nickel metal hydride.

**INSTALLATION** — Top, back or end mounting capability. Canopy Included. Easily removed mounting knockouts. J-box pattern on back panel and fits most standard size junction boxes.

3 Face Standard — Ships as a single sided exit. Additional faceplate, red and green inserts are included in the box to easily convert from a single sided exit to a double sided exit.

**LISTINGS** — UL indoor damp location listed 50°-104°F (10°-40°C) standard. Meets UL924, NFPA 101 (current Life Safety Code), California Energy Commission Title 20 section 1605.3 (W)(4), FCC Title 47, Part 15, Subpart B, NFPA 70-NEC and OSHA illumination standards.

**WARRANTY** — 2-year limited warranty. (Battery is prorated.) This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Catalog Number
Notes
Type

Lithonia Lighting Basics™ Thermoplastic Exits

ECRG B



† Exit Signs Certified in the CA Title 20 Appliance Efficiency Database.

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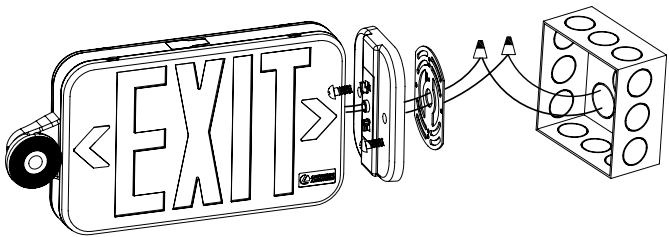
ORDERING INFORMATION		For shortest lead times, configure product using bolded options.		Example: ECRG B RD M6
Series	Housing Color	Lamp Head Type		
<b>ECRG</b> Red/Green Switchable Exit/Unit combo	<b>B</b> Black	<b>RD</b>	Round (120-277V, 50/60Hz)	

SPECIFICATIONS

BATTERY				
Nickel metal hydride				
Voltage	Typical shelf life <sup>1</sup>	Typical life <sup>1</sup>	Maintenance <sup>2</sup>	Temperature range <sup>3</sup>
3.6	3 years	>5 years	none	50°F - 104°F (10°C - 40°C)

- Notes
- 1 At 77°F (25°C).
  - 2 All life safety equipment, including emergency lighting for path of egress must be maintained, serviced and tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required maintenance, service, or testing could jeopardize the safety of occupants and will void all warranties.
  - 3 Temperature range where unit will provide capacity for 90 minutes. Higher and lower temperatures affect life and capacity.

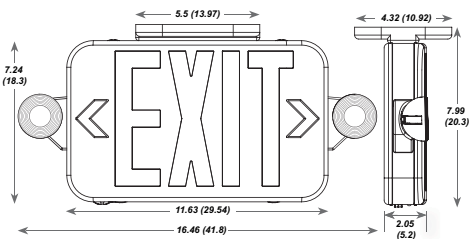
ECRG side/end mount example



Dimensions

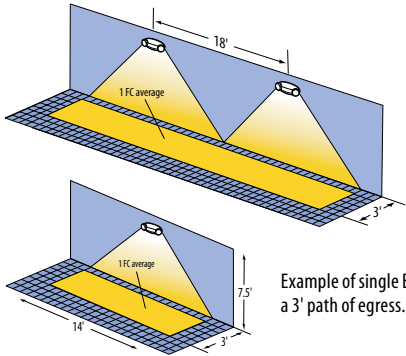
ECRG RD

Length:  
16.46 (41.8)  
Depth:  
2.05 (5.2)  
Height:  
7.24 (18.3)  
Weight:  
RD - 1.9 (0.86kgs)



All dimensions are inches (centimeters) unless otherwise specified.

ECRG RD



Example of multiple ECRG RD luminaires illuminating a 3' path of egress.

Example of single ECRG RD illuminating a 3' path of egress.

Spacing guidelines

Maximum Spacing Guidelines <sup>1</sup>						
Series	Mounting Height	Illumination Level	Single Luminaire		Multiple Luminaires	
			3' Path of Egress	6' Path of Egress	3' Path of Egress	6' Path of Egress
ECRG RD	7.5'	1FC Avg	14'	10'	18'	14'
Application Notes						
"100' Corridor 8' wide, and 9' high with 80/50/20 reflectances"						

- Notes:
- 1. Also meets the additional illumination requirements of NFPA 101: 1FC minimum and max/min ratio of 40:1.