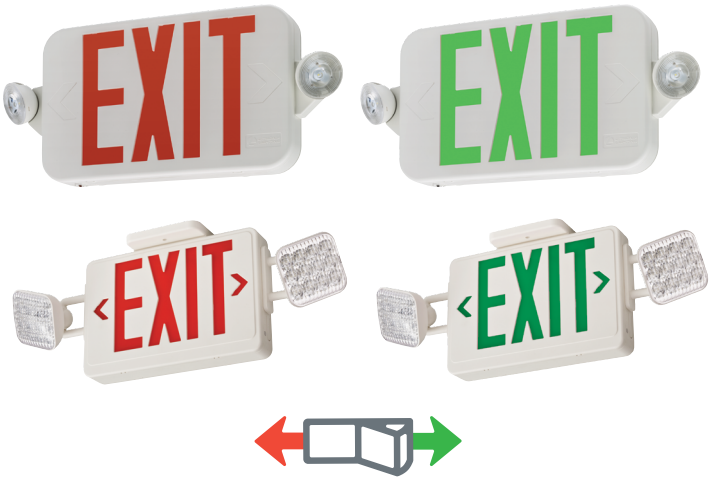
| Catalog Number | |
|---|---|
| Notes | |
| Type | |

Contractor Select™

# ECRG

## Lithonia Lighting Basics™ Emergency Light/Exit Combo




The Lithonia Lighting® ECRG, is a combination of exit and emergency lighting. The ECRG is ideal for safely illuminating the path of egress above-the-door in small spaces at lower mounting heights while providing 90 minutes of emergency power. Available in red and green letters.

### FEATURES:

- Internal toggle switch for red or green exit
- Test switch and status indicator
- UL indoor damp location 50°F to 104°F (10°C to 40°C) listed standard
- ECRG RD: multi-voltage 120-277V, 50/60Hz
- ECRG SQ: dual-voltage 120/277, 60Hz

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

| Catalog Number | UPC | Description | Supply Voltage | Input Wattage | | Input Amps | | Pallet Qty | Carton Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 120 | 277 | 120 | 277 | | |
| ECRG RD M6 | 00194994900412 | Red/Green LED Exit/Unit Combo, Round Lamp Heads | 120-277V | 2W | 2W | .03 | .02 | 240 | 6 |
| ECRG HO RD M6 | 00194994900429 | Red/Green LED Exit/Unit Combo with remote capacity, Round Lamp Heads | 120-277V | 2.8W | 2.8W | .05 | .03 | 216 | 6 |
| ECRG SQ M6 | 00194994900467 | Red/Green LED Exit/Unit Combo, Square Lamp Heads | 120/277V | 3.5W | 3.5W | .03 | .02 | 72 | 6 |
| ECRG HO SQ M6 | 00194994900504 | Red/Green LED Exit/Unit Combo with remote capacity, Square Lamp Heads | 120/277V | 4W | 4W | .03 | .02 | 72 | 6 |

## Battery Capacity and Loading (HO only)

| Battery | Total Capacity | Maximum# Remote Lamp Heads* |
|---|---|---|
| 3.6V | 2W (ECRG RD) | 2 - ERE W SGL RD M24 |
| | | 1 - ERE W T RD M24 |
| | | 2 - ERE GY SGL WP RD M12 |
| | | 1 - ERE GY T WP RD M12 |
| | 3W (ECRG SQ) | 3 - ERE GY SGL WP SQ M12 |
| | | 1 - ERE GY T WP SQ M12 |

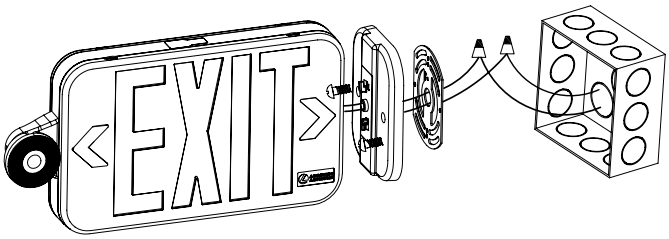
* Remotes are in addition to the lamp heads on the product.

**Accessories:** *Order as separate catalog number.*

| | |
|---|---|
| ERE W SGL RD | Single, LED indoor remote head, round, ivory white, .75W, 3.6V input. See spec sheet ERE.[1] |
| ERE W T RD | Twin, LED indoor remote head, round, ivory white, 1.5W, 3.6V input. See spec sheet ERE.[1] |
| ERE GY SGL WP RD | Single, LED weather-proof head, round, gray,0.75W, 3.6V input. See spec sheet ERE.[1] |
| ERE GY T WP RD | Twin, LED weather-proof head, round, gray, 1.5W, 3.6V input. See spec sheet ERE.[1] |
| ERE GY SGL WP SQ | Single, LED weather-proof remote head, square, gray, 1W, 3.6V-12V voltage sensing. See spec sheet ERE.[1] |
| ERE GY T WP SQ | Twin, weather-proof, remote head, square, gray, 2W, 3.6V-12V voltage sensing. See spec sheet ERE.[1] |
| ELA WG3 | Wireguard (back mount), 30 5/8"W x 13 3/4"H x 6"D. See spec sheet ELA-WG. |

1 Only available with HO option.

## ECRG side/end mount example




## Dimensions

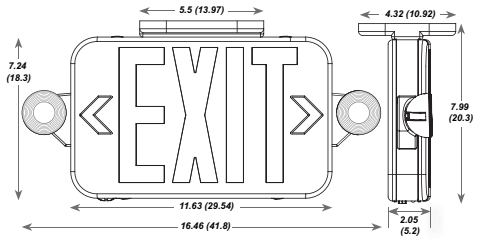
### ECRG RD

Length:
16.46 (41.8)

Depth:
2.05 (5.2)

Height:
7.24 (18.3)

Weight:
RD - 1.9 (0.86kgs)
HO RD - 1.95 (0.88kgs)



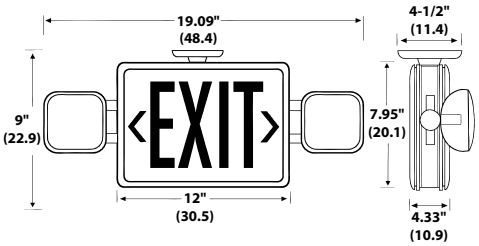

### ECRG SQ

Length:
19.09 (48.4)

Depth:
4.33 (10.9)

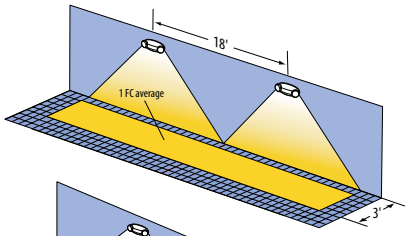
Height:
7.95 (20.1)

Weight:
SQ - 3.09 lbs. (1.40kgs)
HO SQ - 3.25 lbs (1.47kgs)

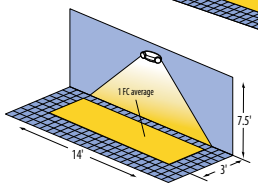



All dimensions are inches (centimeters) unless otherwise indicated.

## ECRG RD

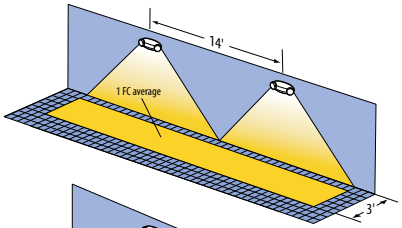



Example of multiple ECRG RD luminaires illuminating a 3' path of egress.

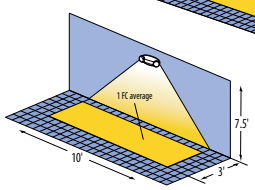



Example of single ECRG RD illuminating a 3' path of egress.

## ECRG SQ




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




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

## Spacing guidelines

| Maximum Spacing Guidelines[1] | | | | | | | |
|---|---|---|---|---|---|---|---|
| Series | Mounting Height | Illumination Level | Single Luminaire | | Multiple Luminaires | | Application Notes |
| | | | 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' | "100' Corridor 8' wide, and 9' high with 80/50/20 reflectances" |
| ECRG SQ | 7.5' | 1FC Avg | 10' | 6' | 14' | 11' | |

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


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## Specifications

**INTENDED USE:**
Provides a minimum of 90 minutes illumination for the rated wattage upon loss of AC power to meet code required emergency lighting. Ideal for applications requiring low profile, emergency unit for lower mounting heights. The ECRG has an internal switch that ships standard as a red emergency light/exit combo 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:**
The housing is a standard white thermoplastic with a compact and low-profile design with all-inclusive lamp, reflector and lens assembly. It is 5VA flame rated and impact-resistant.

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 upon UL924 standards.

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

ECRG is 0.75W white LED per lamp head

ECRG SQ is 1W LED per lamp head.

CRI: RD 80CRI
SQ 75CRI

CCT: RD 6200K
SQ 6200K

Lumen: RD 85 lumens
SQ 113 lumens

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

ECRG SQ: dual-voltage 120/277V, 60Hz.

LED Status indicator for battery condition (Red-Charging/Normal; Unlit-Check Battery).

ECRG HO RD has 2W of remote capacity and ECRG HO SQ has 3W of remote capacity.

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

**INSTALLATION:**
ECRG RD: Top, end and back mount.

ECRG SQ: Top, end and back mount.

For end/side mount, only 1 lamp head can be utilized and lumen output is reduced.

Mounting pattern on canopy (top and side mount) and back plate (back mount) fits most standard size junction boxes.

**LISTINGS:**
UL Listed. Meets all applicable requirements for UL 924, NFPA 101 (current Life Safety Code), NFPA 70 (NEC), California Energy Commission Title 20 section 1605.3 (W)(4), FCC Title 47, Part 15, Subpart B and OSHA.

Indoor damp location 50°F to 104°F (10°C to 40°C) listed.

**WARRANTY:**
2-year limited warranty. 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

**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.

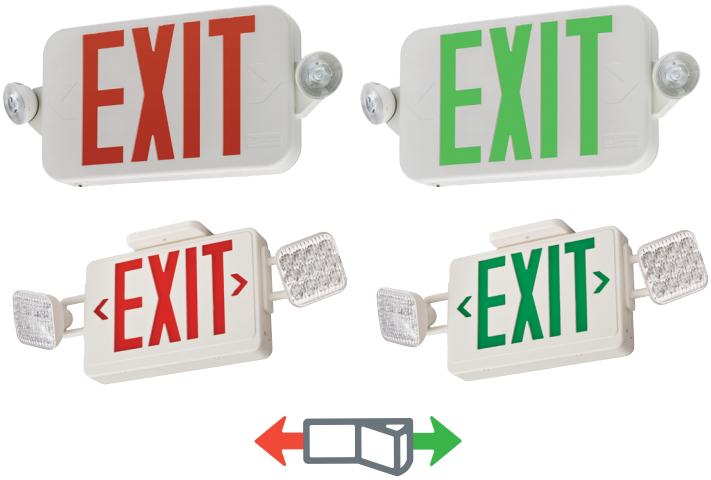

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| Catalog Number | |
|---|---|
| Notes | |
| Type | |

Contractor Select™

# ECRG

## Lithonia Lighting Basics™ Emergency Light/Exit Combo




The Lithonia Lighting® ECRG, is a combination of exit and emergency lighting. The ECRG is ideal for safely illuminating the path of egress above-the-door in small spaces at lower mounting heights while providing 90 minutes of emergency power. Available in red and green letters.

### FEATURES:

- Internal toggle switch for red or green exit
- Test switch and status indicator
- UL indoor damp location 50°F to 104°F (10°C to 40°C) listed standard
- ECRG RD: multi-voltage 120-277V, 50/60Hz
- ECRG SQ: dual-voltage 120/277, 60Hz

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

| Catalog Number | UPC | Description | Supply Voltage | Input Wattage | | Input Amps | | Pallet Qty | Carton Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 120 | 277 | 120 | 277 | | |
| ECRG RD M6 | 00194994900412 | Red/Green LED Exit/Unit Combo, Round Lamp Heads | 120-277V | 2W | 2W | .03 | .02 | 240 | 6 |
| ECRG HO RD M6 | 00194994900429 | Red/Green LED Exit/Unit Combo with remote capacity, Round Lamp Heads | 120-277V | 2.8W | 2.8W | .05 | .03 | 216 | 6 |
| ECRG SQ M6 | 00194994900467 | Red/Green LED Exit/Unit Combo, Square Lamp Heads | 120/277V | 3.5W | 3.5W | .03 | .02 | 72 | 6 |
| ECRG HO SQ M6 | 00194994900504 | Red/Green LED Exit/Unit Combo with remote capacity, Square Lamp Heads | 120/277V | 4W | 4W | .03 | .02 | 72 | 6 |

## Battery Capacity and Loading (HO only)

| Battery | Total Capacity | Maximum# Remote Lamp Heads* |
|---|---|---|
| 3.6V | 2W (ECRG RD) | 2 - ERE W SGL RD M24 |
| | | 1 - ERE W T RD M24 |
| | | 2 - ERE GY SGL WP RD M12 |
| | | 1 - ERE GY T WP RD M12 |
| | 3W (ECRG SQ) | 3 - ERE GY SGL WP SQ M12 |
| | | 1 - ERE GY T WP SQ M12 |

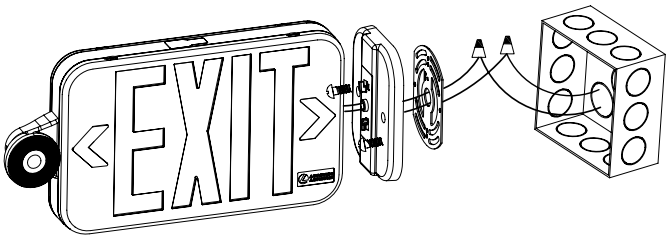
* Remotes are in addition to the lamp heads on the product.

**Accessories:** *Order as separate catalog number.*

| | |
|---|---|
| ERE W SGL RD | Single, LED indoor remote head, round, ivory white, .75W, 3.6V input. See spec sheet ERE.[1] |
| ERE W T RD | Twin, LED indoor remote head, round, ivory white, 1.5W, 3.6V input. See spec sheet ERE.[1] |
| ERE GY SGL WP RD | Single, LED weather-proof head, round, gray,0.75W, 3.6V input. See spec sheet ERE.[1] |
| ERE GY T WP RD | Twin, LED weather-proof head, round, gray, 1.5W, 3.6V input. See spec sheet ERE.[1] |
| ERE GY SGL WP SQ | Single, LED weather-proof remote head, square, gray, 1W, 3.6V-12V voltage sensing. See spec sheet ERE.[1] |
| ERE GY T WP SQ | Twin, weather-proof, remote head, square, gray, 2W, 3.6V-12V voltage sensing. See spec sheet ERE.[1] |
| ELA WG3 | Wireguard (back mount), 30 5/8"W x 13 3/4"H x 6"D. See spec sheet ELA-WG. |

1 Only available with HO option.

## ECRG side/end mount example




## Dimensions

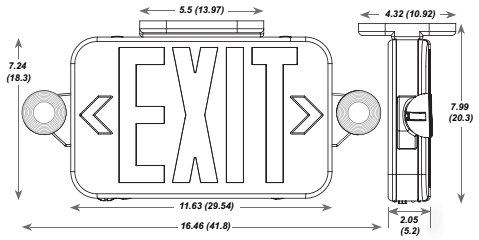
### ECRG RD

Length:
16.46 (41.8)

Depth:
2.05 (5.2)

Height:
7.24 (18.3)

Weight:
RD - 1.9 (0.86kgs)
HO RD - 1.95 (0.88kgs)



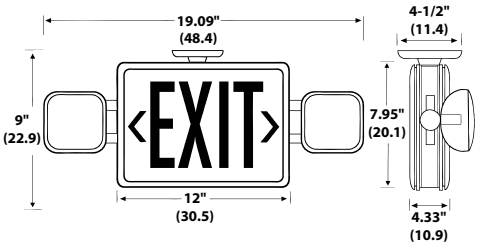

### ECRG SQ

Length:
19.09 (48.4)

Depth:
4.33 (10.9)

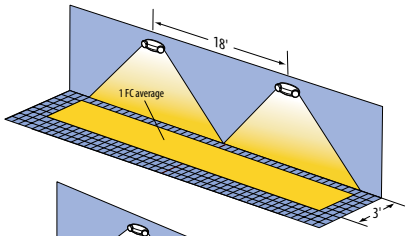
Height:
7.95 (20.1)

Weight:
SQ - 3.09 lbs. (1.40kgs)
HO SQ - 3.25 lbs (1.47kgs)

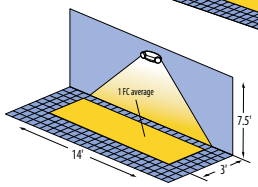



All dimensions are inches (centimeters) unless otherwise indicated.

## ECRG RD

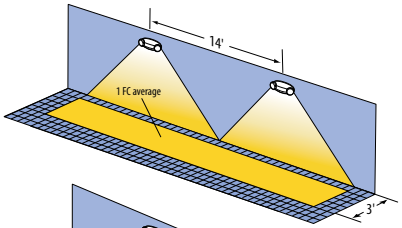



Example of multiple ECRG RD luminaires illuminating a 3' path of egress.

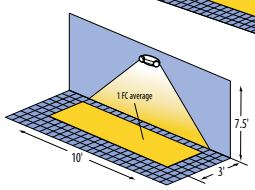



Example of single ECRG RD illuminating a 3' path of egress.

## ECRG SQ




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




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

## Spacing guidelines

| Maximum Spacing Guidelines[1] | | | | | | | |
|---|---|---|---|---|---|---|---|
| Series | Mounting Height | Illumination Level | Single Luminaire | | Multiple Luminaires | | Application Notes |
| | | | 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' | "100' Corridor 8' wide, and 9' high with 80/50/20 reflectances" |
| ECRG SQ | 7.5' | 1FC Avg | 10' | 6' | 14' | 11' | |

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


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## Specifications

**INTENDED USE:**
Provides a minimum of 90 minutes illumination for the rated wattage upon loss of AC power to meet code required emergency lighting. Ideal for applications requiring low profile, emergency unit for lower mounting heights. The ECRG has an internal switch that ships standard as a red emergency light/exit combo 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:**
The housing is a standard white thermoplastic with a compact and low-profile design with all-inclusive lamp, reflector and lens assembly. It is 5VA flame rated and impact-resistant.

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 upon UL924 standards.

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

ECRG is 0.75W white LED per lamp head

ECRG SQ is 1W LED per lamp head.

CRI: RD 80CRI
SQ 75CRI

CCT: RD 6200K
SQ 6200K

Lumen: RD 85 lumens
SQ 113 lumens

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

ECRG SQ: dual-voltage 120/277V, 60Hz.

LED Status indicator for battery condition (Red-Charging/Normal; Unlit-Check Battery).

ECRG HO RD has 2W of remote capacity and ECRG HO SQ has 3W of remote capacity.

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

**INSTALLATION:**
ECRG RD: Top, end and back mount.

ECRG SQ: Top, end and back mount.

For end/side mount, only 1 lamp head can be utilized and lumen output is reduced.

Mounting pattern on canopy (top and side mount) and back plate (back mount) fits most standard size junction boxes.

**LISTINGS:**
UL Listed. Meets all applicable requirements for UL 924, NFPA 101 (current Life Safety Code), NFPA 70 (NEC), California Energy Commission Title 20 section 1605.3 (W)(4), FCC Title 47, Part 15, Subpart B and OSHA.

Indoor damp location 50°F to 104°F (10°C to 40°C) listed.

**WARRANTY:**
2-year limited warranty. 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

**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.


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