



LITHONIA LIGHTING ECBRM Running Man LED Light Bar Combo Unit User Manual

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ECBRM Running Man
LED Light Bar
Combo Unit



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FEATURES & SPECIFICATIONS

INTENDED USE

Unique combination emergency lighting unit and exit. Suitable for illuminating the path of egress and for marking the means of egress in accordance with NFPA 101 (current Life Safety Code). Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate. [Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.](#)

CONSTRUCTION — Engineering grade injection-molded, 5VA flame-retardant, high-impact resistant, thermoplastic housing with snap-fit design components for easy installation. Field selectable direction, comes fully packaged with right arrow, left arrow, and pictogram only face plates. Adjustable LED light bar allows for optimal illumination.

OPTICS — Ultra bright LEDs mounted on printed circuit boards. Low energy consumption. LED lamp operates in normal (AC input) and emergency (DC input) modes. Uniform illumination without shadows or hot spots. The typical life of the running man LED lamp is 5 years, based on 24/7 operation. One 4.5W LED lamp bar for emergency light.

ELECTRICAL — Dual voltage input capability (120/347V), 50/60 Hz.

Battery: Sealed, maintenance-free nickel-cadmium battery delivers a minimum of 90 minutes of illumination and provides up to 3W of LED remote capacity.

Self-diagnostics: Performs monthly 30 second, bi-monthly 30 minute and annual 90 minute testing with multistatus diagnostic functions.

Automatic solid-state charger initiates battery charging, maximizes battery life and automatically recharges after battery discharge.

INSTALLATION — Universal mounting canopy for top or end mount. Back mount standard for single face only.

Easily removed mounting knockouts. J-box pattern on back panel. Housing snaps to canopy with four positivelocking tabs.

Ships standard with additional face plates.

LISTINGS — CSA certified to US and Canadian standards. CSA listed for damp location 10°C to 40°C (50°F to 104°F).

Meets CSA C22.2 No. 141.15. Meets CSA C860. Meets UL 924, NFPA 101 (current Life Safety Code), NFPA 70-NEC, FCC Title 47, Part 15, Subpart B and OSHA illumination standards.

WARRANTY — 5-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-andconditions

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.

Specifications

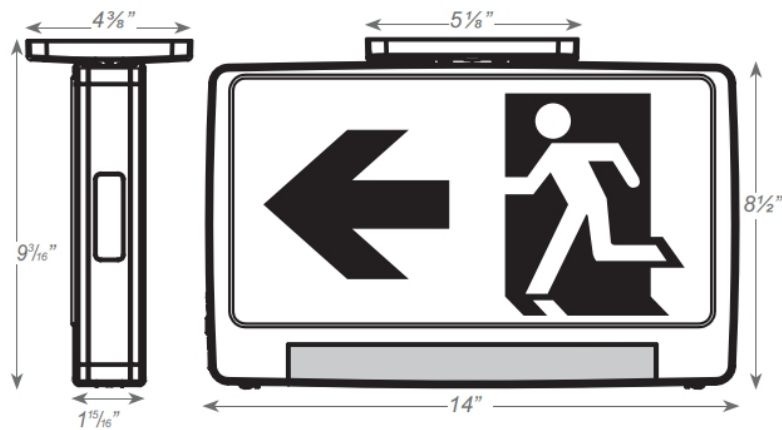
Length: 14 (35.56)

Depth: 2 (5.08)

Height: 8.5 (21.6)

Weight (fixture only): Standard – 3.5 lbs (1.58 kgs)

All dimensions are inches (centimeters) unless otherwise specified.



ORDERING INFORMATION

Example: ECBRM W

For shortest lead times, configure product using bolded options.

ECBRM			
Family	Housing color	Input voltage	Options
ECBRM	W White B Black	(blank) 120/347V dual voltage	(blank) None SD Self-diagnostics

Accessories: Order as separate catalog number.

ELA WG3	Wireguard (back mount only) ¹
ERE W SGL SQ M12	Single, LED indoor remote head, square, ivory white, .75W, 3.6V-12V voltage sensing ²
ERE W T SQ M12	Twin, LED indoor remote head, square, ivory white, 1.5W, 3.6V-12V voltage sensing ²
ERE GY SGL WP SQ M12	Single, LED weather-proof remote head, square, gray, 1W, 3.6V-12V voltage sensing ²
ERE GY T WP SQ M12	Twin, LED weather-proof remote head, square, gray, 2W, 3.6V-12V voltage sensing ²
ERE W SGL SD SQ M12	Single, LED indoor remote head, square, ivory white, self diagnostics compatible, .75W, 3.6V-12V voltage sensing ³
ERE W T SD SQ M12	Twin, LED indoor remote head, square, ivory white, self diagnostics compatible, 1.5W, 3.6V-12V voltage sensing ³
ERE GY SGL SD WP SQ M12	Single, LED weather-proof remote head, square, gray, self diagnostics compatible, 1W, 3.6V-12V voltage sensing ³
ERE GY T SD WP SQ M12	Twin, LED weather-proof remote head, square, gray, self diagnostics compatible, 2W, 3.6V-12V voltage sensing ³

Notes

1. See spec sheet [ELA-WG](#).
2. See spec sheet [ERE](#).
3. Only available with SD option.

SPECIFICATIONS

Electrical Primary Circuit				
	Typical LED life ¹	Supply Voltage	Max Amps	Max Watts
White LED	>5 years	120 347	0.04 0.01	4.4 4.4

BATTERY				
Nickel Cadmium				
Voltage	Typical shelf life ²	Typical life ³	Maintenance ³	Temperature range ⁴
9.6	3 years	6-8 years	none	50°F – 104°F (10°C – 40°C)

Notes

1. Based on 24/7 operation. The typical life of the running man LED lamp is 5 years.
2. At 77°F (25°C).
3. 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.
4. Temperature range where unit will provide capacity for 90 minutes. Higher and lower temperatures affect life and capacity.

Battery	Remote Capacity*	Maximum # Remote Capacity Lamp Heads*
9.6V	3W	4 – ERE W SGL SQ M12
		2 – ERE W T SQ M12
		3 – ERE GY SGL WP SQ M12
		1 – ERE GY T WP SQ M12
		4 – ERE W SGL SD SQ M12**
		2 – ERE W T SD SQ M12**
		3 – ERE GY SGL SD WP SQ M12**
		1 – ERE GY T SD WP SQ M12**

* These are in addition to the lamp bar on the product

**Only available with SD option

SPACING GUIDELINES

Maximum Spacing Guidelines – ECBRM1						
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	
7.5'	1FC Avg	4'	4'	12'	11'	"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.



EMERGENCY: One Lithonia Way Conyers, GA 30012 Phone: 800-705-SERV (7378)


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ECBRM Running Man Light Bar Combo

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References

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