EELR1A Series

Exit & Emergency Light

GradeONE™

Product Overview

The EELR1A exit and emergency light is equipped with two bright, efficient white LED lamp heads. High performance chrome-plated metallized reflectors and plastic lenses ensure optimal light distribution. Lamp heads may be easily adjusted to optimize center-to-center spacing for code-compliant coverage.



Key Features

Lumens:	45 per head
Wattage:	1 watt (8 LEDs x 0.125 watt) per head
Color Temperature:	5000K
CRI:	70
Light Source:	LED
Electrical:	Charge rate/power "ON" LED indicator light and push-to-test switch for mandated code compliance testing. 3.6V long life, maintenance-free, rechargeable NiCd battery. Internal solid-state transfer switch automatically connects the internal battery to LED lamp heads for minimum 90-minute emergency illumination. Fully automatic solid-state, two rate charger initiates battery charging to recharge a discharged battery in 24 hours.
Voltage:	120/277V

Operating Temperature:	0˚C to 50˚C (32˚F to 122˚F)
Housing:	Injection-molded, engineering grade, 5VA flame retardant, high-impact resistant, thermoplastic
Lamp Heads:	Long lasting, efficient, ultra bright white LED lamp heads. High performance chrome-plated metallized reflector and plastic lens for optimal light distribution. Adjustable LED lamp heads provide optimal center-to-center spacing. High-lumen option available for increased center-to-center spacing.
Finish:	White, Black
Mounting Options:	Surface mount via easy connect back plate, which fits most standard junction boxes and snaps into place making internal electrical connections. Suitable for wall or ceiling mount. Knockout for conduit applications.
Warranty:	5-Yr Limited Warranty
Ratings and Certifications:	Damp Location, CEC Title 20, UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes

Ordering Information

Refer to the ordering table to select the appropriate options for your application.

Example: EELR1ADVBK

SERIES	VOLTAGE	FINISH	SELF DIAGNOSTIC*	HIGH LUMEN*	CEC TITLE 20*	ASSEMBLED IN THE USA*
EELR1A	**DV** 120/277V	**WH** White **BK** Black	**Blank** **STD** Self Diagnostic	**Blank** **HL** High Lumen	**Blank** **CEC** CEC Title 20 Certified	**Blank** **USA** Assembled in the USA

*For more information on options, please see last page.

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Performance Data

AMP Draw

SERIES	INPUT WATTS (W)						INPUT AMPS (A)					
	120V	277V	347V	208V	220V	240V	120V	277V	347V	208V	220V	240V
EELR1ADVBK	1.800	1.800	–––	2.600	3.500	3.100	0.022	0.010	–––	0.024	0.029	0.025
EELR1ADVBKSDT	1.600	1.600	–––	–––	–––	–––	0.020	0.010	–––	–––	–––	–––
EELR1ADVBKSDTCEC	2.000	–––	2.000	–––	–––	–––	0.023	–––	0.008	–––	–––	–––

Center to Center Spacing Guidelines

The diagram below is a visual representation of the area in front of an EELR1A unit as installed on the wall to assist in determining center to center spacing. All data is in footcandles.

EELR1A UNIT LOCATION ON WALL



DISTANCE FROM WALL	7FT	6FT	5FT	4FT	3FT	2FT	1FT	0FT	1FT	2FT	3FT	4FT	5FT	6FT	7FT	8FT
1FT	0.2	0.3	0.5	0.4	0.4	0.5	0.6	0.8	1	0.8	0.9	0.8	0.4	0.2	0.2	
2FT	0.3	0.5	0.7	0.8	0.9	0.8	0.9	1	1.1	1.4	1.1	0.8	0.5	0.3	0.2	
3FT	0.4	0.7	1	1	1.1	1.1	1.1	1.3	1.4	1.1	0.9	0.9	0.7	0.5	0.2	
4FT	0.5	0.7	0.9	1.1	1.2	1.2	1	1.1	1.1	1	1.1	0.8	0.6	0.3	0.2	
5FT	0.5	0.7	0.8	0.8	1.1	1.1	0.8	0.8	0.8	0.9	0.6	0.5	0.4	0.3	0.2	
6FT	0.4	0.5	0.7	0.7	0.8	0.8	0.6	0.5	0.6	0.5	0.4	0.4	0.3	0.2	0.2	

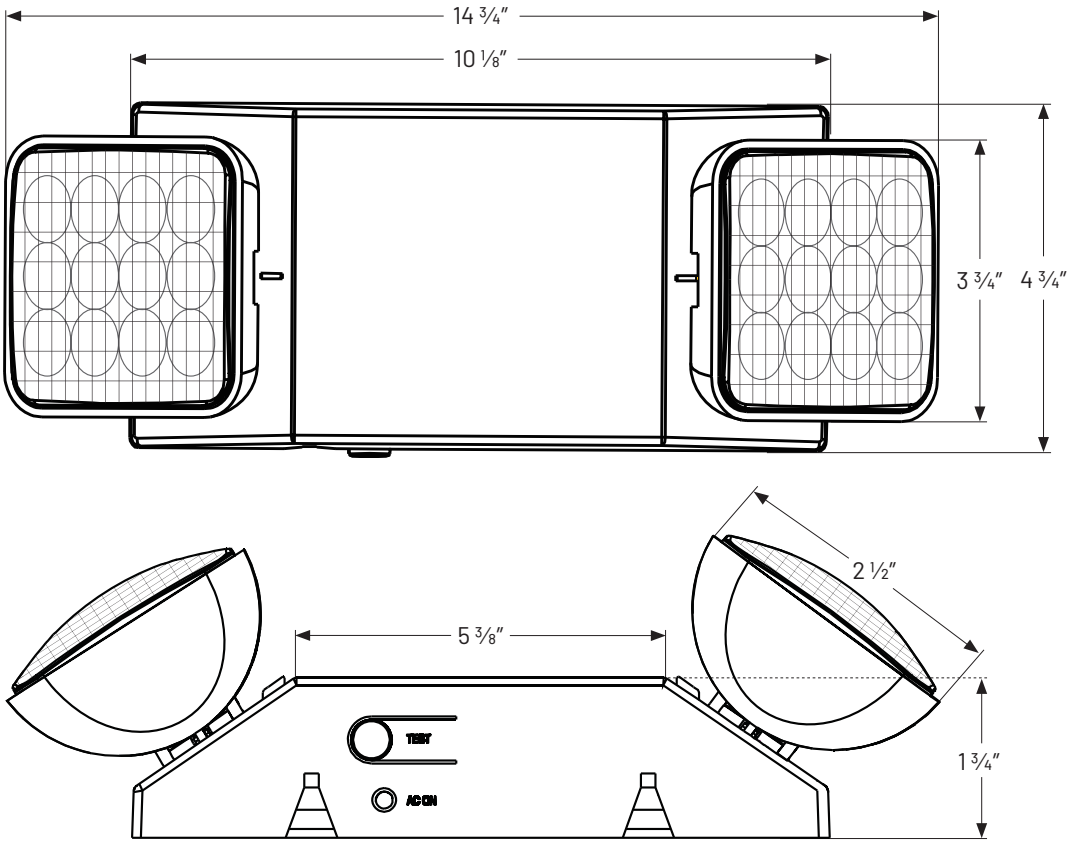
HORIZONTAL DISTANCE FROM CENTER OF EELR1A UNIT

The highlighted area in front of EELR1A meets NFPA 101 footcandle requirements for 10' center-to-center spacing with a 3' emergency exit path located 1' from the wall when EELR1A is mounted at 7 ½' mounting height.

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Line Drawings



Fixture Dimensions

SERIES	MOUNTING OPTIONS	RECOMMENDED MOUNTING HEIGHT	PRODUCT DIMENSIONS (L x W x H - FRACTIONS ROUNDED UP TO THE NEAREST 1/8″)	PRODUCT WEIGHT (LBS.)
EELR1A	Surface mount via easy connect back plate, which fits most standard junction boxes and snaps into place making internal electrical connections. Suitable for wall or ceiling mount. Knockout for conduit applications.	7.5 Feet	2 ½″ L × 14 ¾″ W × 4 ¾″ H	1.6

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Additional Options

SELF DIAGNOSTIC	HIGH LUMEN
SKU: SDT USE: Self-diagnostic feature performs monthly, biannual, and annual tests to ensure reliable operation and meet electrical and life safety codes.	SKU: HL USE: 12-LEDs per head provide increased center-to-center spacing.
TITLE 20 COMPLIANT	**ASSEMBLED IN USA**
SKU: CEC USE: Certified to CEC under Title 20.	SKU: USA USE: Substantial transformation assembly in U.S. complies with “Assembled in USA” under the Buy American Act.

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