

# EHE LED

Hazardous-rated LED emergency light & exit sign for challenging environments



## E-SERIES

### Cost-effective, energy-efficient lighting for demanding environments

The RIG-A-LITE E-Series provides economical lighting solutions for industrial and hazardous applications, offering reliable performance and durability.

#### Classifications

- Class I, Division 2, Groups A, B, C, & D
- Class I, Zone 2, Group IIC
- UL 844 Hazardous Locations
- UL 924 Emergency Lighting
- Simultaneous Presence
- CSA C22.2 No. 137-18
- CSA C22.2 No. 141-15
- IP67
- Resistant up to 2,000 PSI hose directed water
- Tested to 1000 hrs salt spray to standard ASTM"B117-11"



[availinfra.com/rig-a-lite](http://availinfra.com/rig-a-lite)

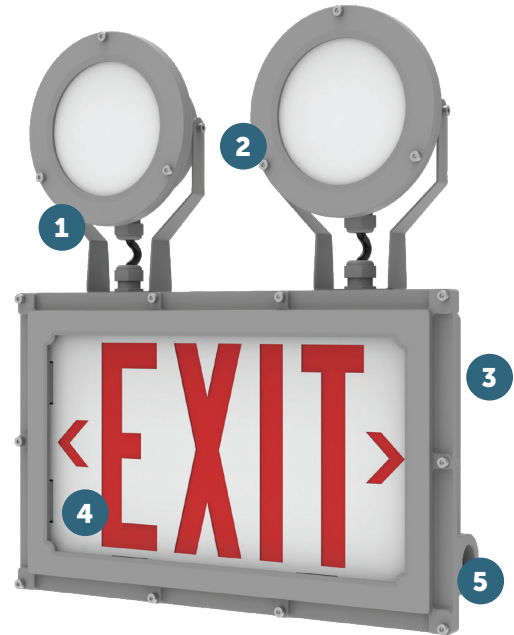
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## Key Features

- 1 Combo Design - Combination design for both exit sign and emergency light
- 2 Custom Beam Directions - Fully adjustable head lamps provide different beam directions
- 3 Slim Profile - 64mm thickness reduces installation space, perfect for mounting in confined or narrow areas
- 4 Legend Options - Replaceable exit legend with red, green, or simple exit right/left/up/down field modifications
- 5 Built to Last - Copper-free aluminum housing and impact resistant lens are sealed from the outside environment



## Additional Features

- Universal voltage: AC120-277, 347-480V (50/60Hz)
- High efficacy up to 160lm/W (2400lm)
- 10kV surge protector is standard, 20kV optional
- Dimming: Standard 1-10VDC
- Ambient operating temperature 0°C to 50°C, optional -20°C to 50°C
- Lumen maintenance 150,000 hours @ L70
- 5-year warranty (5 years for luminaire, 2 years for emergency battery)

## Standard Materials

### Body:

Housing and head lamps are die-cast copper-free aluminum with baked powder epoxy/polyester finish

### Gaskets:

High temperature resistant silicone

### Exit Sign Lens & Head Lamp Lenses:

Heat, shock, and impact resistant glass

### Emergency Battery:

LiFePO4

### Hardware:

Stainless Steel

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## Catalog Number Logic

**EHE 02 - U - EL - 3 - 64 - 1 - FLM - GR - XX**

1 2 3 4 5 6 7 8 9 10

**1**  
**BASIC LUMINAIRE**  
EHE = N. American Standards

**2**  
**LUMENS/WATTS**  
01 = Exit sign only 4W  
02 = Head lamps 640lm/8W  
03 = Head lamps 1600lm/15W

**3**  
**VOLTAGE**  
U = 100-277V

**4**  
**LIGHT TYPE**  
ES = Exit sign only  
ESL = Exit sign & lamp head combo  
EL = Emergency lamp head only

**5**  
**PROTECTION LEVEL**  
3 = C1D2

**6**  
**LUMEN OUTPUT**  
64 = 640lm (4W) (ES & ESL only)  
128 = 1280lm (8W) (EL only)  
160 = 1600lm (10W) (ESL only)  
240 = 2400lm (15W) (EL only)

**7**  
**LETTERING (ES & ESL only)**  
1 = EXIT in red  
2 = EXIT in green  
3 = Running Man Arrow left  
4 = Running Man Arrow right  
5 = Running Man Arrow up  
6 = Running Man Arrow down  
7 = Blank (EL only)

**8**  
**MOUNTING STYLE**  
CM = Ceiling mount (ES only)  
CJB = Ceiling junction box  
(3/4" NPT) (ES only)  
PD = Pendant mount  
(3/4" NPT) (ES only)  
FLM = Wall mount

**9**  
**COLOR**  
GR = Gray

**10**  
**OPTIONS**  
CW1 = Ambient temperature  
-35°C to 50°C  
- Only available in 4W  
CW2<sup>1</sup> = Ambient temperature  
-20°C to 50°C (EHE02)  
- Only available in 8W  
SP10U = 10KV surge protector  
(100-277V) \* Standard  
SP20U = 20KV surge protector  
(100-277V)

1. Not suitable for EHE03

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## Certification Guide

Model		Watts	Operating Voltage	Total Lumens <sup>1</sup>	Lumens per Watt <sup>1</sup>	CRI <sup>1</sup>	CCT <sup>1</sup>	Ambient Temperature <sup>1</sup>	Class I, Div. 2, Group A, B, C & D	Supply Wire Suitable Temperature, °C
EHE01UES3	Exit Sign	4W	100-277V 50/60HZ	-	-	-	5000K	-35°C < Tamb < 50°C	T5	90°C
EHE02UESL3	Exit Sign & Emergency Light Combo	8W	100-277V 50/60HZ	640	8.0	70	5000K	-20°C < Tamb < 50°C	T5	90°C
EHE02UEL3	Emergency Lights	8W	100-277V 50/60HZ	1280	160.0	70	5000K	-20°C < Tamb < 50°C	T5	90°C