

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"



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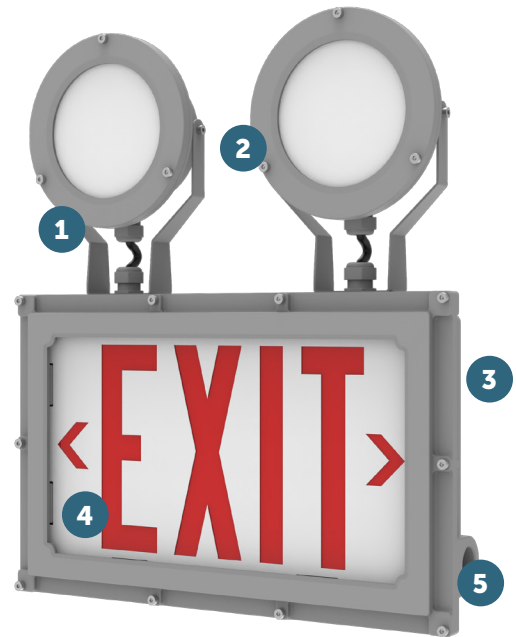
8500 Hansen Road
Houston, TX 77075
(713) 943-0340

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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 = AC 100-277V
D = DC 120-250V

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)

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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 = EXIT in green (Arabic)

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
CW2¹ = 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 ¹	Lumens per Watt ¹	CRI ¹	CCT ¹	Ambient Temperature ¹	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



EHE configured with emergency lights only.



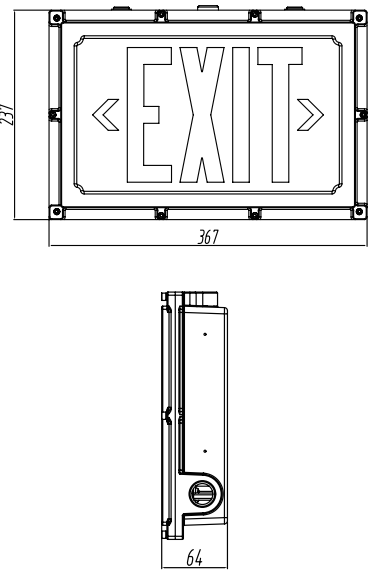
EHE configured with signage only.

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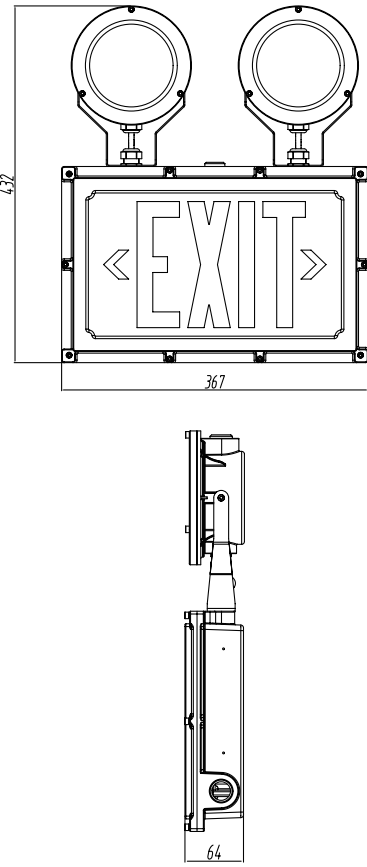
Fixture Dimensions (millimeters)

Exit Sign



Fixture	Weight
EHE01UES3	6.62 lbs.

Emergency Lights with/without Exit Sign



Fixture	Weight
EHE02UESL3	13.89 lbs.
EHE02UEL3	16.78 lbs.

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Mounting Options

Wall Mount: FLM



Fixture	Weight
EHE01UES3	7.94 lbs.
EHE02UESL3	15.21 lbs.
EHE02UEL3	18.08 lbs.

Ceiling Mount: CM



Fixture	Weight
EHE01UES3	6.9 lbs.
EHE02UESL3	14.18 lbs.
EHE02UEL3	17.04 lbs.

Ceiling Junction Box: CJB 3/2" NPT



Fixture	Weight
EHE01UES3	8.82 lbs.
EHE02UESL3	n/a
EHE02UEL3	n/a

Pendant Mount: PD 3/4" NPT



Fixture	Weight
EHE01UES3	6.61 lbs.
EHE02UESL3	n/a
EHE02UEL3	n/a

Maximum Mounting Height	
EHE01UES3	8.98 ft
EHE02UESL3	8.98 ft
EHE02UEL3	13.96 ft

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Accessories

	Catalog No.	Size (in.)	Shipping Weight (lbs.)
Wall Mount Kit 	FLM (1 pair)	3.74" x 3.15" x 0.95"	1.32 lbs
Ceiling Mount Kit 	CM (1 pair)	3.94" x 1.02" x 0.71"	0.29 lbs.

	Catalog No.	Size (in.)	Shipping Weight (lbs.)
10KV Surge Protector 	SP10U 10KV (100-277V)	4.18" x 0.91" x 0.51"	0.09 lbs
* Standard	SP10N 10KV (347-480V)	4.33" x 0.99" x 0.71"	0.11 lbs
20KV Surge Protector 	SP20U 20KV (100-277V)	4.41" x 1.1" x 0.59"	0.12 lbs
	SP20N 20KV (347-480V)	4.33" x 1.18" x 0.71"	0.15 lbs



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