

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, T5
- Class I, Zone 2, Group IIC
- UL 844 Hazardous Locations
- UL 924 Emergency Lighting
- UL 1598 Wet Locations
- CSA C22.2 No. 137-18
- CSA C22.2 No. 141-15
- IP67
- IK07
- 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

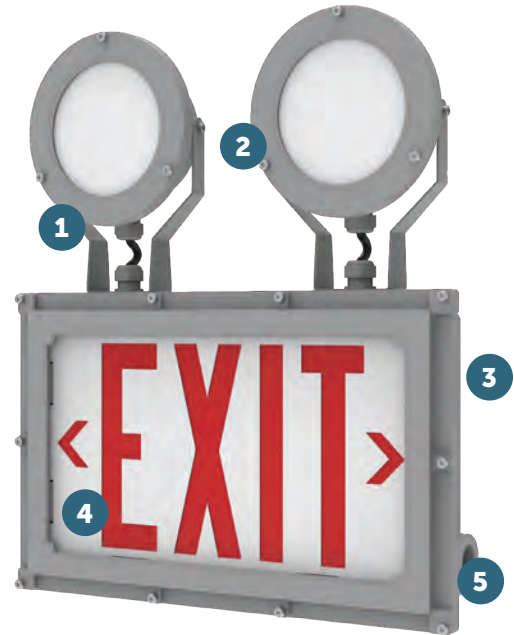
8500 Hansen Road
Houston, TX 77075
(713) 943-0340

EHE LED

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

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 L70 > 150,000 hours @ 25°C
- 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

EHE LED

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

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 = Exit sign + head lamps 640lm/8W
03 = Exit sign + 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)
128 = 1280lm (8W)
160 = 1600lm (10W)
240 = 2400lm (15W)

7
LETTERING
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

8
MOUNTING STYLE
FLM = Flush ceiling/wall mount

9
COLOR
GR = Gray

10
OPTIONS
CW1 = Ambient temperature
-20°C to 50°C (EHE01)
- Only available in 4W
CW2 = 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)
CGL = Cable gland 3/4" NPT

EHE LED

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

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	-	-	-	4000K	-20°C < Tamb < 50°C	T5	90°C
EHE02UESL3	Exit Sign & Emergency Light Combo	8W	100-277V 50/60HZ	640	8.0	-	4000K	-20°C < Tamb < 50°C	T5	90°C
EHE02UEL3	Emergency Lights	8W	100-277V 50/60HZ	1280	160.0	-	4000K	-20°C < Tamb < 50°C	T5	90°C