

HAL-EMG-EXT-2X3W-2L

Explosion Proof LED Emergency Bug Eyes Lighting System w/ Exit Sign - C1D2 - C2D2

Product ID: 146400

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

HAL-EMG-EXT-2X3W-2L Explosion Proof LED Emergency Bug Eyes Exit Sign

Device Type: Emergency Lighting System
Input Voltage: 120- 277V AC 50/60 Hz
Output/Fixture Head Voltage: 12V DC
Lamp Wattage: 3 Watts
Total Lumens: 80
Bulb Type: LED
Exit Sign Face: Single Sided (1F), Dual Sided (2F)
Exit Sign Color: Red/White or Green/White
Operating Temperature: 0°C - 55°C
Battery Type: High Temperature Rated Nickel Cadmium
Battery Runtime: 90 Minutes
Lamp Material: Epoxy Powder Coated Stainless Steel
Exterior Hardware Material: Nylon, Plastic Coated and Stainless Steel
Cover Gasket Material: Hypalon Synthetic Rubber
Emergency Lighting System Dimensions: 18 x 13.5 x 7.4 inches
Exit Sign Dimensions: 13.5 x 6 inches
Weight: 16 Lbs

Quick Summary

Class I, Division 2, Groups B, C, D
Class II, Division 2, Groups F, G
Class I, Zone 2
NEMA 3, 3R, 4X
UL 1598A, UL 924, UL 844
C22.2 No. 141-M1985, C22.2 No. 137-M1981
Marine and Wet Locations

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

Made in the USA

The Larson Electronics HAL-EMG-EXT-2X3W-2L explosion proof LED emergency lighting system with exit sign features reliable illumination in hazardous areas. It supports 120-277V AC input voltages (9W max) and

12V DC output (18W max). The lamps (2) are equipped with powerful three-watt LEDs for a combined total of 80 lumens. In the event of power outage, this unit will continue to function for 90 minutes using a high-temperature rated nickel cadmium battery. The fixture supports the following explosion proof ratings: Class I, Division 2 and Class II, Division 2. When purchasing this product, buyers may choose from 120V or 277V voltage options and single sided or dual sided exit sign placements.

Features: This hazardous area LED fixture is rated for use in ambient temperatures ranging between 0°C and 55°C. During operation, the unit features 120-227V AC 50/60 Hz input voltages. The marine-rated lamp head supports 12V DC output with (2) three-watt LEDs (80 lumens). Should power outage occur, the unit may revert to a high-temperature rated nickel cadmium battery for power, which offers a runtime of 90 minutes. An auto-disconnect feature built into the fixture preserves the solid-state battery and charger. A factory installed "push-to-test" function may be used to streamline maintenance and diagnostics.

The explosion proof LED emergency luminary is constructed of nylon, a plastic coating and stainless steel. While the cover gasket is made out of Hypalon synthetic rubber; and the LED lamp head is protected by epoxy powder coated stainless steel. The power supply and remote fixture enclosures consist of Krydon fiberglass-reinforced polyester. This unit is suitable for hazardous work locations associated with the following explosion proof ratings: Class I, Division 2 (Groups B, C and D) and Class II, Division 2 (Groups F and G). The fixture complies with the following UL and CSA Standards: UL 1598A, UL 924, UL 844, C22.2 No. 141-M1985 and C22.2 No. 137-M1981. It may also be used in marine wet locations (NEMA 3, 3R and 4X).

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

Options: This unit comes in 120V and 277V voltage options. Buyers may also choose between dual-siding or single-siding placement configurations for the exit sign. Please refer to the drop down menus at the bottom of the page, when making your selection.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

Frequently Asked Questions (FAQ)

HAL-EMG-EXT-2X3W-2L

Product ID: 146400

Export Control Classification Number (ECCN): EAR99

Options:

HAL-EMG-EXT-2X3W-2L-Voltage-Face Qty-Face Color

Example: HAL-EMG-EXT-2X3W-2L-120V-2F-RED

Voltage	
-120V	-120V
-277V	-277V

Face Qty	
DUAL SIDE	-2F
SINGLE SIDE	-1F

Face Color	
RED	-RED
GREEN	-GRN

Links (Click on the below items to view):

- [Operations Manual](#)
- [HigResPic1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)