Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

## HAL-EMG-EXT-12W-3L

# C1D2 Emergency LED Bug Eyes w/ Exit Sign - Hazardous Location Lighting System - 90 Minutes - 120/277

**Product ID: 105194**

**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-12W-3L**

**Lamp Type: LED**
**Dimensions:**
**Watts:** 23
**Materials:**Non-Metallic Lamps w/ Aluminum Backplate
**Voltage:** 120/277VAC
**Lighting Configuration:** (2) 10 watt Bulbs + 3 Watt Exit Sign
**Mounting:** Wall Mount/Flat Surface Mount
**Wiring:** 1/2" NPT Threaded for Conduit
**Weight: 24.5 Lbs**
**Battery Backup:** High temp Nickel-Cadmium
**Unit Life Expectancy:** 10 years
**Switch Type:** Single Pole (Momentary)
**Battery Input Voltage:** (Dual) 120/277VAC @ 60Hz
**Battery Backup Runtime:** 90 Minutes
**Battery Output Power:** 25 Watts (Max)
**Battery Operating Temp:** 0°C to +50°C
**Battery Recharge Time:** 24 hours from full discharge

**Ratings/Approvals**

Class I, Division 2 Groups A,B,C,D
Class II,Division 2 Groups F, G
UL 844
UL 1598A
UL 924
NEMA 4X
USCG Accepted

**Special Orders - Special Requirements**

Contact us for special requirements

**Toll Free:** 1-800-369-6671
**Intl:** 1-903-270-1187
**E-mail:** sales@larsonelectronics.com

**Made in the USA**

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**The HAL-EMG-EXT-12W-3L Hazardous Area Location Emergency Light Bug Eyes with Exit Sign and Emergency Battery Backup from Larson Electronics is rated Class 1 Division II and is an ideal emergency lighting solution for hazardous locations where failsafe lighting reliability is a must. This three lamp failsafe light fixture features two LED lamps and one exit sign to illumiate doorways and exits. An internal battery backup system will illuminate the fixture for 90+ minutes during power outages.**
The HAL-EMG-EXT-12W-3L is an ideal solution for operators who wish to ensure their hazardous workspaces employ the most effective and reliable safety lighting options available. In the case of power outages or in any situation where power is interrupted, this unit automatically switches to a battery backup which will power the unit for 90+ minutes or until power is restored. Once power is restored, a built in charger will return the unit to a fully charged state within acceptable UL time limits.

**Self-Adhesive Directional Arrows Included**



**Exit: Left** **Exit: Right/Left** **Exit: Right** **Self-Adhesive Arrows**

The two LED bug eye hazardous location lamps each house a 10 watt LED lamp producing 1050 lumens each. The lamp housing is waterproof, constructed of corrosion and chemical resistant GE Lexan polycarbonate with Pyrex globe, USCG accepted, and NEMA 4X compliant and suitable for hose-down areas. This LED lamp has a 50,000 hour operational life. The exit sign panel is edge illuminated by LEDs and as a result draws only 3 watts of power and has an extreme LED luminary lifespan rated at 25 years. This fixture is approved for outdoor use and is resistant to saltwater making it suitable for use in marine environments.
This hazardous area location emergency lighting fixture carries an integral maintenance-free, sealed, high temperature Nickel-Cadmium battery backup power supply. When external power is cut due to outages or accidents this lamp automatically switches to its battery backup which will power the LED bulbs for 90+ minutes. The battery is protected from deep discharge by solid state circuitry which senses low voltage and turns off the unit before battery damage can occur.

**Click Photo to Enlarge**

This emergency light is multi-voltage capable and can operate with voltages ranging from 120V to 277V @ 50/60HZ. This unit`s light fixtures are constructed of non-metallic materials with low surface resistivity that will not hold a static charge while the backplate is constructed of non-sparking aluminum. The HAL-EMG-EXT-12W-3L can withstand temperature variances ranging from 0°C to +50°C and its low maintenance design offers up to ten years of operational life. An integrated pilot light indicates the presence of AC current and a test switch allows easy confirmation of proper emergency operation.

**Made in the USA Quality**

1. No Maintenance Nickel-Cadmium Battery.
2. Non-Metallic Bug Eye Lamps w/ Aluminum Backplate
3. Universal 120 through 277VAC Operation
4. 90+ Minute Battery Backup Runtime.
5. Deep Discharge Battery Protection.
6. 10 Year Rated Lifespan.
7. Fully Automatic Operation.
8. Solid State Internal Electronics.
9. Pilot Light AC Current Indicator.
10. Test Switch for Emergency Operation Confirmation.
11. Fully Electronic Circuit Control.

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# Frequently Asked Questions (FAQ)


EXIT






EXIT

**HAL-EMG-EXT-12W-3L**

**Product ID: 105194**

**Export Control Classification Number (ECCN):** EAR99

Links (Click on the below items to view):

- MSDS (Material Safety Data Sheet
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- HigResPic10
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map