

**Class 1 Division 2 Emergency LED Light - 2 Foot, 3 Lamp**

Part #: HALP-EMG-24-3L-LED

**Made in the USA**

The Larson Electronics HALP-EMG-24-3L-LED Hazardous Area LED Light Fixture is U.S./Canada U.L. approved Class 1 Division 2 Groups A, B, C and D, UL 1598A listed, has a T4C temperature rating, and is specifically designed to handle the rigors of wet and corrosive marine environments. This fixture is equipped with an added battery backup providing 90 minutes of emergency runtime. The HALP-EMG-24-3L-LED hazardous area fluorescent light fixture is designed for use in wet areas and saltwater-marine environments where corrosion resistance is critical to equipment longevity and safety. This Class 1 Division 2 rated fixture is constructed of non-corrosive materials including a polyester housing reinforced with glass fiber, a poured in gasket for reliable sealing and an impact resistant acrylic diffuser. Corrosion resistant stainless steel latches secure the lamp cover to the housing and provide a firm lock against the poured in seal to prevent drips and water intrusion. This fixture is UL 844 rated and Class 1 Division II, Groups A, B, C, D approved. The HALP-EMG-24-3L-LED also carries a UL 1598A outdoor marine rating and meets US Coast Guard specifications.

This emergency LED light works, mounts and is wired like our HALP-24-2L-LED explosion proof LED light fixtures. The main difference is that we add a battery backup unit that adds emergency light functionality to the fixture. This hazardous area emergency light will run one bulb at the standard UL suggested 90 minutes after power is lost at 4116 lumens. The light recharges the battery once electrical power is restored. Standard configuration includes a single emergency battery backup that is automatically recharged and kept in a ready state. The battery backup unit includes a switched leg for turning the light fixture on/off without kicking the unit into emergency mode.



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We have eliminated the ballast normally associated with fluorescent fixtures which reduces overall weight, increases lamp life to an extreme 50,000 hours and helps this LED fixture maintain a T-4C temperature rating. The solid state design of the included LED lamps give this fixture superior resistance to damage from vibrations and extremes in temperature as well as a lamp service life over twice that of standard T8 bulbs. The 21 watt LED lamps produce more illumination than standard T8 bulbs, but draw only 3/4 of the current. The current generation of Larson Electronics LED T-series style bulbs produce 15% more light than standard T8 bulbs.

This fixture has universal voltage and runs on 120-277 VAC and 9-32VDC for low voltage. Our HAL-EMG-24-2L-LED light fixture is both U.S. and Canada U.L. approved.

**Standard Flange Mount Brackets:** Flange type stainless steel mounts attached at each end of the fixture enables it to be simply secured to any surface. The mounts provide some shock absorbency protection while enabling the user to simply mount the fixture with the through-hole taps that protrude on each side of the fixture. The mounting holes are 36 9/16 inches on center apart along the top of this hazardous location light. The mounting holes are 7 inches on center across the top of the light.

A sliding bracket mount is available so operators can retrofit this LED light fixture to use the pre-existing mounting holes from other fluorescent fixtures. Contact us for the sliding bracket option.

**Suggested Applications:** The HALP-EMG-24-3L-LED is designed for marine wet and damp locations, where corrosion resistant fluorescent lights are required. This includes petrochemical facilities, lubrication pits, oil drilling rigs, crew quarters, solvent/cleaning areas, water treatment areas, processing plants and marine loading docks.

#### **Made in USA Quality**

1. Each unit dielectrically tested.
2. Fixture arrives assembled and lamped to reduce installation time and cost. Flange type stainless steel mounts attached at each end of the fixture enables it to be simply secured to any surface.
3. Fixture housing constructed of glass fiber reinforced polyester.
4. No ballast box. No ballast to replace. We simply run the black wire to one end of the bulb and white wire to the other.
5. Relamping done via 6 stainless steel snap locking latches which enables the operator to remove the door and access the lamps.
6. Lamp cover-diffuser constructed of high impact acrylic for corrosion resistance and lamp protection.
7. 1/2 inch, threaded access hole for wiring conduit.

#### **Superior LED Benefits**

1. 50,000 hour lifespan.
2. Can SAVE 50% or more on energy.
3. Qualifies retrofit projects for financial incentives, including utility rebates, tax credits and energy loan programs.
4. Reduces energy use and prolongs life-spans of peripheral cooling units (A/C, refrigeration)
5. 100% recyclable.
6. No toxins-lead, mercury.
7. No UV light, infrared radiation or CO2 emissions.
8. Qualifies buildings for LEED and other sustainable business certifications.
9. Bright, even light maintains consistent color over time.
10. Instant on/off – No flickering, delays or buzzing.
11. Very good color rendering.
12. Vibration/impact resistant.
13. Significantly cooler operation.
14. Less frequent outages, higher output improves workplace safety.

**Specifications / Additional Information****HALP-EMG-24-3L-LED Hazardous Area****UL Listing:** United States - Canada**Lamp Type:** LED**Dimensions:** W-8.25 " L-52 " H-7"**Weight:** 8 Lbs**Voltage:**120-277VAC**Low Voltage Optional:** 9-32VDC**Total Watts:** 42 watts**Total Lumens:** 4116**Luminous Efficacy:** 98Lm/W**Lamp Life Expectancy:** 50,000 Hours**Color Temp:** 5600K- CRI-75**Efficiency:** 98 Lumens per Watt**Ambient Operating Temp Range:** -40° C to +65° C**Operating Temp Range:** T4C Rated**Battery Backup:** 90 Minute Runtime**Surface Mounting:** (2) Flange Type Aluminum Brackets**Pendant Mounting:** (2) 3/4" Threaded NPT Hubs on Either Side**Wiring Hub:**3/4" Threaded Hubs**Warranty:** YES- 5 Years\***U.L Approval:** [U.S Certificate](#) [Canada Certificate](#)[Meets US Coast Guard specifications.](#)

\*5 year warranty replacement on this LED light (or LED bulbs for light fixtures with removable LED bulbs). After 30 days, the customer ships the failed LED light and/or LED bulb to Larson Electronics at their expense. If the failure is a manufacturer defect, we will ship a new replacement to the customer. If failure occurs within 30 days of receipt, Larson Electronics will provide a return label via email to the customer. When the failed light is returned, Larson Electronics will ship a new replacement. Please click here to see our 5 Year Warranty pamphlet.

**Scroll Down to Purchase- Please Note: 2-3 day lead time on this light.****Part #:** [HALP-EMG-24-3L-LED \(70418\)](#)**U.L. Ratings**

Class 1 Division 2, Groups A, B, C, D

UL 844

UL 1598A Marine Type (Salt water)

UL 924 - Failsafe battery backup

cUL Listed for Canada

Meets USCG Specs

T4 Temperature Rated

Switch Leg for Powering Light On/Off

**Special Orders- Requirements**

Contact us for special requirements

**Toll Free:** 1-800-369-6671**Intl:** 1-903-498-3363**E-mail:** sales@larsonelectronics.com



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