

**Class 1 Division 2 Emergency LED Light - 4' 3 lamp - Battery Backup - Failsafe Lighting - UL 924**Part #: [HALP-EMG-48-3L-LED-G2](#)**Made in the USA**

**The HALP-EMG-48-3L-LED-G2 Hazardous Area LED Light Fixture is U.S./Canada 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-48-3L-LED-G2 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 and UL 924 rated and Class 1 Division II, Groups A, B, C, D approved. The HALP-EMG-48-3L-LED-G2 also carries a UL 1598A outdoor marine rating and meets US Coast Guard specifications.



[Click Photo to Enlarge](#)



This emergency LED light works, mounts and is wired like our HALP-48-3L-LED-G2 three lamp hazardous location 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 20 watts the standard UL suggested 90 minutes after power is lost at 2100 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.

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 T4 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 three 28 watt LED lamps produce more illumination than standard T8 bulbs, but draw only 3/4 of the current. The current generation of our LED T-series style bulbs produce 30% more light than standard T8 bulbs.

This fixture is universal voltage capable (not multi-tap) and works on the following voltages: 120 Volt 60 HZ, 220 Volt 50 HZ, 240 Volt 60 HZ, 277 Volts 60 HZ. Our HAL-EMG-48-3L-LED-G2 light fixture is both U.S. and Canada 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-48-3L-G2 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 8 plastic 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" or 3/4" 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-48-3L-LED-G2 Hazardous Area Failsafe Light****Lamp Type:** T8 Style LED Tubes**Dimensions (Surface):** 49.975"-L x 7.975"-W x 5.1"-H**Dimensions (Pendant):** 49.731"-L x 7.205"-W x 5.425"-H**Weight:** 8 Lbs**Voltage:** 120-277V AC 50/60 Hz**Total Watts:** 56 watts**Luminous Efficacy** 105 Lm/W**Total Lumens** 5880**Lumens on Battery** 2100**Color Temp:** 5600K**Color Rendering Index (CRI):** 80**Beam Angle:** 160° Horizontal - 120° Vertical**Lamp Life Expectancy:** 50,000+ Hours**Housing Material:** Polyester infused Fiberglass Housing**Lens Material:** Acrylic Lens w/ Plastic Latch Clips**Battery Backup Runtime:** 90 minute**Battery:** High-Temperature, Maintenance Free Nickel-Cadmium**Mounting:** Flange type Surface Mount - Pendant Mount**Wiring Hub:** 1/2" or 3/4" threaded NPT**Operating Temp Range:** T4 Rated -30°C to +50°C**Warranty:** YES- 5 Years\***Ratings/Approvals**

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

Class II, Division 2, Groups F, G

UL 844

UL 1598A Marine Type (Salt water)

Failsafe Operation w/ Battery Backup

Non-Corrosive Non-Metallic Housing

[Meets US Coast Guard specifications.](#)

Switch Leg for Powering Light On/Off

Listed for use in Canada

**Special Orders- Requirements**

Contact us for special requirements

**Toll Free:** 1-800-369-6671**Intl:** 1-903-498-3363**E-mail:** sales@larsonelectronics.com[Scroll Down to Purchase-](#)[This product does not qualify for free shipping.](#)[Part #: HALP-EMG-48-3L-LED-G2 \(72886\)](#)

Options:

HALP-EMG-48-3L-LED-G2- MOUNT - HUB SIZE

Example: HALP-EMG-48-3L-LED-G2-SFC-0.5IN

MOUNT		HUB SIZE	
Surface	-SFC	1/2in	-0.5IN
Pendant	-PND	3/4in	-0.75IN











Links (Click on the below items to view):

- [Dimensional Drawing](#)
- [Manual](#)
- [MSDS](#)