

### Emergency Backup Fluorescent Light for Corrosion Resistant Requirements (Saltwater) - T12HO Lamps

Part #: HALP-EMG-48-2L-T12HO



#### Made in the USA

The Larson Electronics HALP-EMG-48-2L-T12HO Hazardous Area Fluorescent 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 hazardous area fluorescent light fixture is designed for use in wet and corrosive environments. The fixture is critical to equipment safety. This Class 1 Division 2 rating is achieved through the use of a reinforced housing reinforced with steel latches secure the fixture. The fixture is U.L. approved. The HALP-EMG-48-2L-T12HO carries a UL 1598A outdoor listing.



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This fluorescent light works, mounts and is wired like our HALP-48-2L explosion proof fluorescent 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 the standard UL suggested 90 minutes after power is lost. The light recharges the battery once electrical power is restored. Standard configuration includes a single emergency ballast that will run a single lamp at 900 lumens for 90 minutes. The battery backup unit includes a switched leg for turning the light fixture on/off without kicking the unit into emergency mode.

**NOTE ON LAMPS:** This fixture comes equipped with F48-T12/HO – 48 Watt lamps producing 4,050 lumens per bulb, a 4100 Kelvin color and a 12,000 hour rated service life. The HALP-EMG-48-2L-T12HO has an electronic multi-voltage ballast and works with 120 Volt 60 HZ, 220 Volt 50 HZ, 240 Volt 60 HZ and 277 Volts 60 HZ.

**Standard Flange 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.

**Pendant Mounting:** This light fixture can hang from the ceiling suspended by rigid pipe. Each fixture is equipped with either two 1/2" or 3/4" NPT hubs on either side of the fixture. Operators will bring rigid pipe down to the threaded mounting ups. The wiring is fed down through the rigid pipe to one of the NPT hubs and tied to the fixture's lead wires to complete the electrical connection. The remaining pendant hub provides support for the opposite end of the fixture.

**Suggested Applications:** The HALP-48-2L 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. Relamping done via 6 stainless steel snap locking latches, which enable the operator to remove the door and access the lamps.
5. Lamp cover-diffuser constructed of high impact acrylic for corrosion resistance and lamp protection.
6. 1/2" or 3/4", threaded access hole for wiring conduit.

#### **Lamp Options**

**F48-T12/HO** – 4050 lumens per bulb, 12,000 hours life, 4100 Kelvin color

**Specifications / Additional Information****HALP-EMG-24-3L-T5HO Hazardous Area****UL Listing:** United States - Canada**Lamp Type:** Fluorescent**Dimensions:** W-8.25 " L-52 " H-7"**Weight:** 8 Lbs**Voltage:** Multi- 120V-60hz 220V-50hz 240V-60hz 277V-60hz**Low Voltage Optional:** 9-32VDC**Total Watts:** 96 watts**Total Lumens:** **F48-T12/HO** 8,100**Luminous Efficacy:** 83 Lm/W**Lamp Life Expectancy:** 20,000 Hours**Color Temp:** 4100K- CRI-75**Efficiency:** 98 Lumens per Watt**Ambient Operating Temp Range:** -40° C to +70° C**Operating Temp Range:** T4C Rated**Battery Backup:** 90 Minute Runtime**Surface Mounting:** (2) Flange Type Aluminum Brackets**Pendant Mounting:** (2) 1/2" or 3/4" Threaded NPT Hubs on Either Side**Wiring Hub:** (2) 1/2" or 3/4" Threaded Hubs**Warranty:** YES- 5 Years\***U.L Approval:** [U.S Certificate](#) [Canada Certificate](#)[Meets US Coast Guard specifications.](#)**U.L. Ratings**

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

Class II, Division 2, Groups F, G

UL 844

UL 924 - Failsafe battery backup

UL 1598A Marine Type (Salt water)

Meets USCG Specs

T4 Temperature Rated

Switch Leg for Powering Light On/Off

cUL Listed for Canada

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Options:

HALP-EMG-48-2L-T12HO- MOUNT TYPE - HUB SIZE

Example: HALP-EMG-48-2L-T12HO-SFC-0.5IN

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











Links (Click on the below items to view):

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