Larson Electronics LLC
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## HALP-EMG-48-2L-SSPM-T8

**Hazardous Location Light Emergency Backup Fixture, Non-Metallic, 2 Fluorescent T8 Lamps, Stainless Steel Pole Mount, Corrosion Resistant, Marine Application, C1D2/C2D2**

**Product ID: 69110**

**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.**

**HALP-EMG-48-2L-SSPM-T8 - Hazardous Area Fluorescent Emergency Light**

**Listing:** United States - Canada

**Lamp Type:** 4' Fluorescent
**Surface Dimensions:** 49.975"-L x 7.975"-W x 5.1"-H
**Pendant Dimensions:** 49.731"-L x 7.205"-W x 5.425"-H
**Weight:** 8 lb

**Voltage:** Universal 120-277V AC, 50/60 Hz
**Total Watts:** 64W
**Total Lumens:** 5900
**Lumens on Battery Power:** 900
**Lamp Life (Hours):** 24,000
**Efficiency (Lumens per Watt):** 92

**Color Temp:** 4100K
**Replacement Lamp:** -
**Beam Angle: 160° Horizontal, 116.5° Vertical**
**Dimming Function: No**
**Lighting Configuration: Flood**
**Power Efficiency: -**
**Power Factor: -**
**Battery AC Input Voltage: 120/277V AC 60 Hz**
**Battery AC Input Current: 90 mA**
**Battery AC Input Power Rating: 9.5W**
**Battery Output Current: 120V @ 165mA - 277V @ 72mA**
**Illumination Time: 90+ Minutes**

**Ratings/Approvals**

Listed for United States and Canada

Class I, Division 2, Groups A, B, C, D
Class II, Division 2, Groups F, G
NRTL Certified to UL 844
NRTL Certified to UL 924
NRTL Certified to UL 1598A Marine Type (Saltwater)
NRTL Certified to C22.2 No. 137
NRTL Certified to C22.2 No. 250.0
Meets USCG Specifications
California Title 24 Compliant
T6 Temperature Rating
Non-Corrosive Construction
Non-Metallic Housing Pan & Lens
Made in the USA
BAA Compliant
Silicone Free
CE Certified
Field Serviceable
Failsafe Lighting
Emergency Battery Backup
90+ Minute Runtime

**Battery Type: High Temp, Maintenance Free, Nickel Cadmium**
**Battery Lifespan: 7 to 10 Years**
**Battery Charge Current: 250 mA**
**Battery Recharge Time: 24 Hours**
**Ambient Operating Temp Range: 0°C to +50°C**
**Operating Temp Rating: T6**
**Minimum Operating Temp: 0°C**
**Maximum Case Temp: +50°C**
**Housing Material: Fiberglass Reinforced Polyester Housing**
**Lens Material: Shatter/Impact Resistant Acrylic Diffuser**
**Gasket Material: Neoprene**
**Mounting: 2-Piece Stainless Steel Bar Clamp Pole Mount**
**Mounting Diameters: 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 2-3/4", or 3"**
**Wiring Hub: 1/2" or 3/4" NPT**
***Wattage totals are lamps only and may vary with different lamps.**

**Special Orders - Special Requirements**
Contact us for special requirements

**Toll Free:** 1-800-369-6671

**Intl:** 1-903-270-1187

**Fax:** 1-903-498-3364

**E-mail:** sales@larsonelectronics.com

## Made in the USA

**The HALP-EMG-48-2L-SSPM-T8 from Larson Electronics is a Hazardous Area Fluorescent Light Emergency Fixture that is U.S./Canada approved Class I Division 2 Groups A, B, C and D and is specifically designed to handle the rigors of wet and corrosive marine environments. This hazardous location fluorescent light has a T6 temperature rating and carries a United States Coast Guard approval, making it ideal for applications such as oil rigs, ships, offshore applications, petrochemical, manufacturing, chemical storage, and water treatment centers.**

This four foot long, two lamp fluorescent fixture is ideal for operators seeking a top quality hazardous location light that will reduce operating costs, improve lighting quality, and reduce downtime incurred from frequent servicing intervals. The HALP-EMG-48-2L-SSPM-T8 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 I 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 plastic 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 emergency backup 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 illuminate when there is a loss of power, and 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.



Click Photo to Enlarge



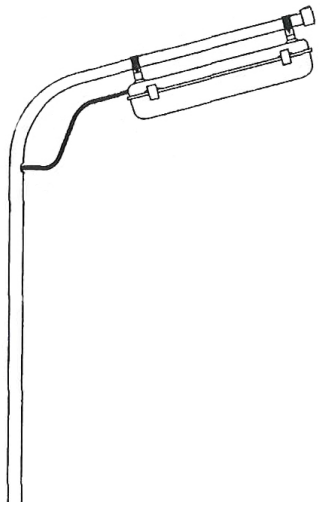
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Click Photo to Enlarge



**NOTE ON LAMPS:** This fixture comes equipped with two T8 fluorescent lamps. The F32-T8/841 32 watt lamps produce 2950 lumens per bulb for 5900 lumens per fixture, a 4100 Kelvin color and a 24,000 hour rated service life. The HALP-EMG-48-2L-2XH-T8 has an electronic universal voltage ballast and operates on a range of voltages from 120V to 277V AC 50/60Hz including: 120 Volt 60 HZ, 220 Volt 50 HZ, 240 Volt 60 HZ and 277 Volts 60 HZ.
The HALP-EMG-48-2L-SSPM-T8 is NRTL Listed to UL 844 for Class I Division 2, Groups A, B, C, D hazardous locations. This fixture is also NRTL Listed to UL 1598A for outdoor marine type luminaires, and meets US Coast Guard specifications. This light fixture offers the extreme durability in a proven hazardous location fixture design, making it a reliable and affordable lighting solution for open areas where flammable chemicals and vapors may occasionally be present.
Click here to read the NEC description for explosion proof and hazardous locations.



Click Photo to Enlarge

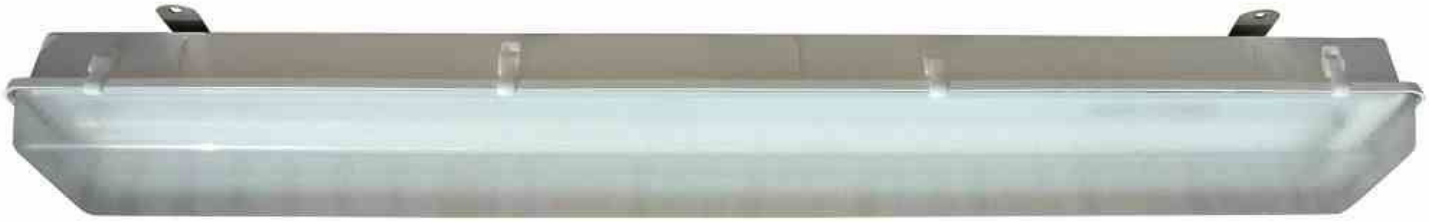
**Mounting:** This pole mount fixture is equipped with two stainless steel bar clamps to allow operators to secure the light fixture to existing poles. This two-piece clamp provides easy installation, and the fixture is equipped with either a 1/2" or 3/4" NPT wiring hub. All mounting hardware is stainless steel or non-metallic for corrosion resistance. We offer this pole mount system to be installed on standard 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 2-3/4", and 3" pole sizes. Please choose your pole size below and our mounting system will fit over the OD of your pole size. If you do not see your pole OD below, please contace us. Additional mounting configurations can be customized to meet the requirements on the application. Please contact us for special mounting configurations.
**Suggested Applications:** The HALP-EMG-48-2L-SSPM-T8 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.
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.

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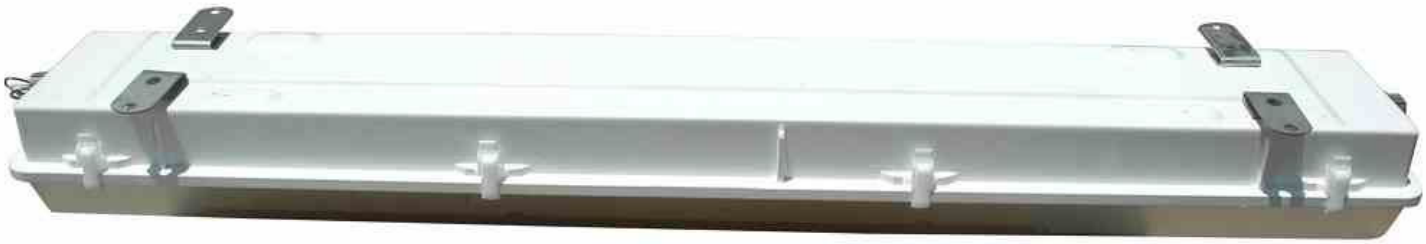
# Frequently Asked Questions (FAQ)



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**HALP-EMG-48-2L-SSPM-T8**

**Product ID: 69110**

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

**Options:**

**HALP-EMG-48-2L-SSPM-T8-Pole OD-Hub Config**

**Example: HALP-EMG-48-2L-SSPM-T8-1.5in-0.5IN**

| Pole OD | |
|---|---|
| 1.5IN | -1.5in |
| 1-3/4IN | -1.75in |
| 2IN | -2in |
| 2-1/4IN | -2.25in |
| 2-1/2IN | -2.5in |
| 2-3/4IN | -2.75in |
| 3IN | -3in |

| Hub Config | |
|---|---|
| 1/2IN | -0.5IN |
| 3/4IN | -0.75IN |

Links (Click on the below items to view):

- Dimensional Drawing 2D
- MSDS (Material Safety Data Sheet
- Operations Manual
- USA NEC Certificate (Commonly referred to as UL Certificate)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- Video1
- Video2
- Video4
- Video5
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map