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ATEX-HALP-EMG-48-2L-T8-2X36W

72W Emergency Fluorescent Light - (2) 4' Lamps - Emergency Battery Backup - ATEX/IECEx

Product ID: 152342

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.

ATEX-HALP-EMG-48-2L-T8-2X36W Hazardous Area Light

Listing: United Kingdom, Europe and Asia
Lamp Technology: Fluorescent
Lamp Qty: (2)
Dimensions: 67.4"L x 4.12"W x 3.5"H
Weight: 15 lbs
Voltage: 120-277V AC 50/60 Hz
Low Voltage (Optional): 12-24V DC
Total Watts: 72W
Single-lamp Watts: 36W
Total Lumens: 5,616 lms
Single-lamp Lumens: 2,808 lms
Luminous Efficacy: 78 Lm/W
Lamp Life Expectancy: 24,000 Hours
Color Temperature: 5000K, 4100K or 3000K
Color Rendering Index: -
Lamp Type: -
Lamp Base: -
Replacement Lamp: -
Beam Angle: 150°
Lighting Configuration: Flood
Power Efficiency: -

Approvals/Ratings

ATEX/IECEx Zones 1 & 2 and 21 & 22
ATEX Ex II 2 G Ex d e mb IIC T4 Gb
ATEX Ex II 2 D Ex tb IIIC T80°C
IECEx Ex d e mb IIC T4 Gb
IECEx Ex IIIC T80°C Db
IP66, IP67
Wet Area Suitable

Power Factor: -

Emergency Lumens: 900 lms

Emergency Runtime: 3 Hours

Amps: 0.6A @ 120V, 0.3A @ 240V, 0.259 @ 277V

Ambient Operating Temp Range: -30°C to +50°C

Operating Temp Range: T4 Rated

Housing Material: Polyester and Glass Fiber Housing

Gasket Material: Silicone

Lens Material: Polycarbonate Lens

Mounting: Surface (2) Flange Type Aluminum Brackets

Wiring Hub: (2) 1/2", 3/4", M20 or M25 Threaded NPT Hubs on Either Sides

Special Orders - Special Requirements

Contact us for special requirements

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The ATEX-HALP-EMG-48-2L-T8-2X36W Hazardous Area Fluorescent Light Fixture from Larson Electronics is ATEX/IECEx approved for Zones 1 and 2 and 21 and 22. This emergency light fixture is specifically designed to handle the rigors of wet and corrosive marine environments, and comes equipped with an added battery backup providing 3 hours of emergency runtime.

The ATEX-HALP-EMG-48-2L-T8-2X36W 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 72-watt, two-lamp fixture offers 2,808 lumens per light (total 5,616 lumens). Color temperature options include the following: 5000K, 4100K or 3000K.

This ATEX/IECEx 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 polycarbonate lens. 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 fixture is ATEX/IECEx approved for Zones 1 and 2, and 21 and 22. The ATEX-HALP-EMG-48-2L-T8-2X36W also carries a T4 temperature rating.

Emergency Backup: This fluorescent light works, mounts and is wired like our ATEX-HALP-24-2L 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 3 hours 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 3 hours. The battery backup unit includes a switched leg for turning the light fixture on/off without kicking the unit into emergency mode.

Surface Mounting: Flange type aluminum 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.

Pendant Mounting: This light fixture can hang from the ceiling suspected by rigid pipe. Each fixture is equipped with either two 1/2", 3/4" NPT hubs, M20 or M25 hubs on either side of this fluorescent lamp. 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 ATEX-HALP-EMG-48-2L-T8-2X36W 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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Product ID: 152342

Export Control Classification Number (ECCN): EAR99

Options:

ATEX-HALP-EMG-48-2L-T8-2X36W-Color Temp

Example: ATEX-HALP-EMG-48-2L-T8-2X36W-50K

Color Temp	
5000K	-50K
4100K	-41K
3000K	-30K

Links (Click on the below items to view):

- MSDS (Material Safety Data Sheet
- Operations Manual
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- HigResPic10
- Video1
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map