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ATEX-HALP-EMG-24-2L-T8

34W Emergency Fluorescent Light - 2' 2 Lamp - Emergency Battery Backup - ATEX/IECEx

Product ID: 148720

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-24-2L-T8 Hazardous Area
Listing: United Kingdom, Europe and Asia
Lamp Type: Fluorescent
Dimensions: W-4.12 " L-26 " H-3.5"
Weight:8 Lbs
Voltage: 120-277V AC 50/60 Hz
Low Voltage (Optional): 12-24V DC
Total Watts: 34 watts
Total Lumens: 2,652
Luminous Efficacy: 78 Lm/W
Lamp Life Expectancy: 24,000 Hours
Color Temp: 4100K
Beam Angle: 150°
Ambient Operating Temp Range:-30°C to +50°C
Operating Temp Range: T4 Rated
Mounting: Surface (2) Flange Type Aluminum Brackets
Housing Material: Polyester and Glass Fiber Housing
Gasket Material: Silicone
Lens Material: Polycarbonate Lens
Wiring Hub: (2) 1/2" , 3/4", M20 or M25 Threaded NPT Hubs on Either Sides

U.L. 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

Special Orders - Special Requirements
Contact us for special requirements

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The ATEX-HALP-EMG-24-2L-T8 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-24-2L-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 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 HALP-EMG-48-2L-T8 also carries a T4 temperature rating.

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-24-2L-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.

High Quality Features

1. Each unit dialectically tested.
2. Fixture arrives assembled and lamped to reduce installation time and cost.
3. Fixture housing constructed of glass fiber reinforced polyester.
4. Lamp cover-diffuser constructed of high impact polycarbonate for corrosion resistance and lamp protection.
5. 1/2", 3/4", M20 or M25 hubs threaded access hole for wiring conduit.

Lamp Options

F17-T8/841 – 34 watt, 1325 lumens per bulb, 24,000 hours life, 4100 Kelvin color (Suffix –T8)

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Frequently Asked Questions (FAQ)

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ATEX-HALP-EMG-24-2L-T8

Product ID: 148720

Warranty: 60 Months

Export Control Classification Number (ECCN): EAR99

Options:

ATEX-HALP-EMG-24-2L-T8-Mount-Hub Config

Example: ATEX-HALP-EMG-24-2L-T8-SFC-0.5IN

Mount	
SURFACE	-SFC
PENDANT	-PND

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

Links (Click on the below items to view):

- ATEX Certificate (European Explosion Proof)
- Certificate 1, Misc
- Dimensional Drawing 2D
- IEC Ex Certificate (International Explosion Proof)
- MSDS (Material Safety Data Sheet
- Operations Manual
- SpecSheetFrench
- SpecSheetRussian
- SpecSheetSpanish
- STEP File (3D CAD Model)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- Video1
- Video2
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map