Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

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

34W Emergency Fluorescent Light - 2' 2 Lamp - Emergency Battery Backup - ATEX/IECEx - 24V

Product ID: 264975

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-T8-24V Hazardous Area

Listing: NRTL Listed for United Kingdom, Europe, and Asia
Lamp Type: Fluorescent
Dimensions: 26.00"L x 4.12"W x 3.50"H
Weight: 8 lb
Voltage: 24 V
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

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
Wet Area Suitable
IP66, IP67

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

The ATEX-HALP-EMG-24-2L-T8-24V 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-T8-24V operates on 24 V.

The ATEX-HALP-EMG-24-2L-T8-24V 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-T8-24V 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.

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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Product ID: 264975

Export Control Classification Number (ECCN): EAR99

Options:

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

Example: ATEX-HALP-EMG-24-2L-T8-24V-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):

- Dimensional Drawing 2D
- MSDS (Material Safety Data Sheet
- Operations Manual
- STEP File (3D CAD Model)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- Video1
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map