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-T5-2X14W-R1-220V

28W Flameproof Fluorescent Emergency Linear Fixture - 220V, 50Hz - (2) 2' T5 Lamps - ATEX/IECEx

Product ID: 222237

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-T5-2X14W-R1-220V Flameproof Emergency Fluorescent Light

Listing: International, European Union
Lamp Technology: Fluorescent
Dimensions: 28.5" x 8.7" x 5.7" (725mm x 222mm x 145mm)
Lamp Quantity: 2
Weight: 14.99 lbs (6.8 kgs)
Voltage: 220V AC
Frequency: 50 Hz
Total Watts: 28W (2 x 14W)
Total Lumens: 2,700 lms (2 x 1,350 lms)
Luminous Efficacy: -
Lamp Life: 20,000+ Hours
Color Temperature: 5000K, 4100K or 2700K
Color Rendering Index: 75
Lamp Type: T5
Lamp Base: 2-pin G5
Replacement Lamp: -
Beam Angle: -
Lighting Configuration: Flood Pattern
Power Efficiency: -

Ratings/Approvals

ATEX/IECEx Rated
Zone 1/Zone 2
Zone 21/Zone 22
Ex deqmb IIC T4 Gb
Ex II 2GD
IP66
Emergency Backup Mode

Power Factor: >0.98
Ballast Type: Electronic
Ballast Position: Internal
Inverter Type (Emergency Mode): Electronic
Emergency Runtime: 90 Minutes
Emergency Start Time: 0.1 Second
Emergency Lumens: 1,350 lms (1 Lamp)
Battery Recharge Time: 24 Hrs
Emergency Status Display: (3) LEDs (Red, Yellow, Green)
Amperage: 0.16A @ 220V
Ambient Operating Temp Range: -25°C to +40°C
Operating Temp Rating: T4
Housing Material: Glass Fiber Reinforced Polyester
Housing Finish: -
Lens Material: Polycarbonate
Gasket Material: Foam
Mount: -
Terminals: L1, L2, L, N + (2) PE - 0.39" (10mm)
Hub Quantity: 1
Hub Size/Location: (1) 1.5" (M25) @ Side
Stopping Plugs: (2) 1.5" (M25) Molded Plastic/Polyamide

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 Larson Electronics ATEX-HALP-EMG-24-2L-T5-2X14W-R1-220V Flameproof Emergency Fluorescent Linear Fixture is designed for outdoor illumination in ATEX/IECEx rated flammable environments. Equipped with two, 2-foot T5 fluorescent lamps, this emergency 28-watt fixture is compatible with 220V AC, 50 Hz. The IP66-rated unit is constructed of glass fiber reinforced polyester with a polycarbonate lens and features an internal electronic ballast/inverter with an interlocking system for protection.

The ATEX-HALP-EMG-24-2L-T5-2X14W-R1-220V is a powerful lighting solution for combustible facilities, industrial sites and outdoor locations. This 28-watt unit operates on 220V AC, 50 Hz and contains two, 2-foot T5 fluorescent lamps (2-pin G5 base). During use, the emergency fixture offers 2,700 lumens of output in a flood beam configuration, with an exceptional CRI rating of 75. Color temperature options include: 5000K, 4100K or 2700K.

An electronic, internal ballast ensures reliable lighting performance and features two interlock switches that disconnects all poles to the ballast and inverter, as well as turns the power off when the diffuser is opened.

This full-plastic explosion proof fixture is constructed of glass fiber reinforced polyester. The lens consists of UV-resistant polycarbonate and is equipped with a foam gasket. This IP66-rated unit comes with an approximate lifespan of 20,000+ hours and is suitable for ATEX/IECEx rated Zone 1/Zone 2 and Zone 21/Zone 22 flammable environments. Equipped with a T4 temperature rating, the outdoor fixture can be used in locations with ambient temperatures ranging between -25°C to +40°C.

Battery-powered Emergency Backup: The flameproof light contains a battery backup unit that adds emergency light functionality to the fixture. With an electronic inverter, this fixture will continue to operate one fluorescent lamp for 90 minutes at 1,350 lumens after the main electrical power to the light is severed. Once standard electrical power is restored, the emergency battery pack will be recharged, which takes approximately 24 hours from a drained state. The fixture contains three LED status lights for real-time monitoring in emergency mode: red, yellow and green.

Wiring: The ATEX-HALP-EMG-24-2L-T5-2X14W-R1-220V features L1, L2, L, N and two PE terminals for completing electrical connections. Cables are fed through one, 1.5" (M25) hub, located at the side of the fixture. This unit comes with two, 1.5" (M25) molded plastic/polyamide stopping plugs. A central locking system protects the internal components of the unit, which must be unlocked during installation or relamping.

Mounting Compatibility: This emergency explosion proof light is compatible with

the following mounting configurations (not included): ceiling, pendant, chain hanging, angle bracket, pole clamp oil derrick and pole top. We offer these mounting accessories at an additional cost.

Suggested Applications: Paint spray booths, aircraft maintenance, oil drilling rigs, refineries, solvent and cleaning areas, gas processing plants, chemical manufacturing, waste water treatment plants, offshore applications and more.

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: 222237

Export Control Classification Number (ECCN): EAR99

Options:

ATEX-HALP-EMG-24-2L-T5-2X14W-R1-220V-Color Temp

Example: ATEX-HALP-EMG-24-2L-T5-2X14W-R1-220V-50K

Color Temp	
5000K	-50K
4100K	-41K
2700K	-27K

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**
- **STEP File (3D CAD Model)**
- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**