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-LED-1X30W-PPM-R1-220V

30W Flameproof LED Emergency Pole Mount Linear Fixture - 220V AC - ATEX/IECEx

Product ID: 272962

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-LED-1X30W-PPM-R1-220V Flameproof Emergency LED Light	Ratings/Approvals
Listing: International, European Union	ATEX/IECEx Rated
Lamp Technology: LED	Zone 1/Zone 2
Dimensions: -	Zone 21/Zone 22
Lamp Quantity: 1	Ex db eb mb op is q IIC T6/T5 Gb
Weight: -	Ex tb IIIC T80°C/T85°C Db
Voltage: 220V AC	IP66
Frequency: 50/60 Hz	Emergency Backup Mode
Total Watts: 30W	
Total Lumens: 2,480 lms	
Luminous Efficacy: 100 lm/W	
Lamp Life: 50,000+ Hours	
Color Temperature: 5700K	
Color Rendering Index: >75	
Lamp Type: -	
Lamp Base: -	
Replacement Lamp: -	
Beam Angle: -	
Lighting Configuration: Flood Pattern	
Power Efficiency: -	
Power Factor: >0.95	
Emergency Runtime: 90 Minutes	
Emergency Lumens: 2,480 lms (1 Lamp)	

Battery Recharge Time: 24 Hrs
Emergency Status Display: (3) LEDs (Red, Yellow, Green)
Amperage: 0.25A @ 120V, 0.125A @ 240V
Ambient Operating Temp Range: -25°C to +50°C/+55°C
Operating Temp Rating: T6
Housing Material: Glass Fiber Reinforced Polyester
Housing Finish: -
Lens Material: UV Resistant Polycarbonate
Gasket Material: Foam
Mount: 42mm OD Slip Fit Pole Mount
Terminals: (2) L1, L2, L, N, 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-LED-1X30W-PPM-R1-220V Flameproof LED Emergency Pole Mount Linear Fixture is designed for outdoor illumination in ATEX/IECEx rated flammable environments. Equipped with a single 30-watt LED lamp, this emergency fixture is compatible with 220V AC, 50/60 Hz. The IP66-rated unit is constructed of glass fiber reinforced polyester with a polycarbonate lens and features an interlocking system for protection.

The ATEX-HALP-EMG-24-2L-LED-1X30W-PPM-R1-220V is a powerful lighting solution for combustible facilities, industrial sites and outdoor locations. This 2-foot unit operates on 220V AC, 50/60 Hz and contains a single 30-watt LED lamp. During use, the emergency fixture offers 2,480 lumens of output in a flood beam configuration, with an exceptional CRI rating of 75 and a color temperature rating of 5700K.

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 50,000+ hours and is suitable for ATEX/IECEx rated Zone 1/Zone 2 and Zone 21/Zone 22 flammable environments. An internal interlock switch powers down the fixture during maintenance to ensure safety. Equipped with a T6 temperature rating, the outdoor fixture can be used in locations with ambient temperatures ranging between -25°C to +50°C/+55°C.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated.

Battery-powered Emergency Backup: The flameproof light contains a battery backup unit that adds emergency light functionality to the fixture. This fixture will continue to operate the 30-watt LED lamp for 90 minutes at 2,480 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-LED-1X30W-PPM-R1-220V features two L1, L2, L, N and 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 explosion proof light is equipped with a slip-fit pole mount bracket for mounting to street light type poles or bull horns. The fixture slides onto the top of the pole and set screws are tightened to secure the fixture. We do offer standard ceiling, pendant, chain hanging, angle bracket variants of this fixture.

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.

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

Frequently Asked Questions (FAQ)

ATEX-HALP-EMG-24-2L-LED-1X30W-PPM-R1-220V

Product ID: 272962

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

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