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

## 30W Flameproof LED Linear Fixture - 100-250V AC - 3700 Lumens - ATEX/IECEx Rated

**Product ID: 237339**



Image: ATEX-HALP-24-2L-LED-1X30W-R1-220V

**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-24-2L-LED-1X30W-R1-220V Flameproof LED Light**

**Listing:** International, European Union
**Lamp Technology:** LED
**Dimensions:** 27.48" x 8.74" x 5.7" (698mm x 222mm x 145mm)
**Lamp Quantity:** 1
**Weight:** 18.95 lbs (8.6 kgs)
**Voltage:** 100V AC - 250V AC
**Frequency:** 50/60 Hz
**Total Watts:** 30W
**Total Lumens:** 3,700 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
**Maximum Current:** 0.17A
**Ambient Operating Temp Range:** -40°C to +55°C

**Ratings/Approvals**

ATEX/IECEx Rated
Zone 1/Zone 2
Zone 21/Zone 22
Ex db eb mb op is q IIC T6/T5 Gb
Ex tb IIIC T80°C/T85°C Db
IP66

**Operating Temp Rating:** T6

**Housing Material:** Glass Fiber Reinforced Polyester

**Housing Finish:** -

**Lens Material:** UV Resistant Polycarbonate

**Gasket Material:** Foam

**Mount:** -
**Terminals:** (2) L1, L2, L, N, PE
**Hub Quantity:** 1
**Hub Size/Location:** (1) M25 x 1.5 @ Side
**Stopping Plugs:** (2) M25 x 1.5 Molded Plastic/Polyamide
**Cable Entry OD:** 0.31"- 0.66" (8-17mm)

**Special Orders - Special Requirements**
Contact us for special requirements
**Toll Free:** 1-800-369-6671
**Intl:** 1-903-270-1187
**Fax:** 1-903-765-7664
**E-mail:** sales@larsonelectronics.com

**The Larson Electronics ATEX-HALP-24-2L-LED-1X30W-R1-220V Flameproof LED Linear Fixture is designed for outdoor illumination in ATEX/IECEx rated flammable environments. Equipped with one, 30-watt LED lamp, this 24" fixture is compatible with 100V-250V 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-24-2L-LED-1X30W-R1-220V is a powerful lighting solution for combustible facilities, industrial sites and outdoor locations. This 30-watt unit operates on 100V-250V AC, 50/60 Hz with a single-lamp design. During use, the 2-foot fixture offers 3,700 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 -40°C to +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.

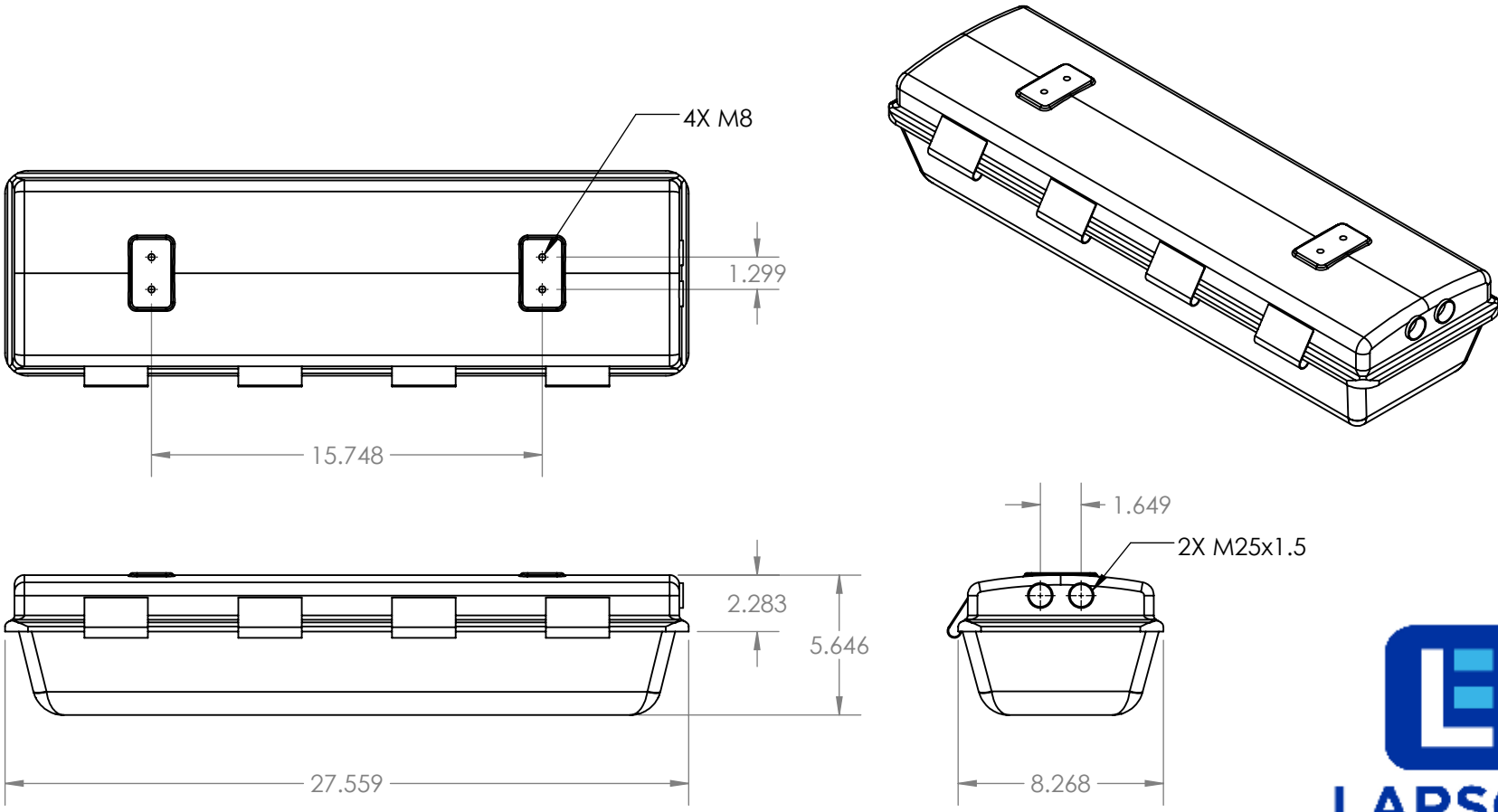
**Wiring:** The ATEX-HALP-24-2L-LED-1X30W-R1-220V features two L1, L2, L, N and PE terminals for completing electrical connections. Cables are fed through one, M25 x 1.5 hub located at the side of the fixture. This unit comes with two, M25 x 1.5 molded plastic/polyamide stopping plugs. A central locking system protects the internal components of the unit, which

must be unlocked during installation or relamping.

**Mounting Compatibility:** This explosion proof light is 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.




LARSON ELECTRONICS

TITLE:

**ATEX-HALP-24-2L**

**PROPRIETARY AND CONFIDENTIAL**
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UNLESS OTHERWISE NOTED:

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SCALE: NTS | SHEET 1 OF 1

# Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

**Declare the following equipment conforms to the standard(s) as listed:**

Model: ATEX-HALP-XXX-LED-XXX
Description: Flameproof LED Fixture

The ATEX-HALP-XXX-LED-XXX flameproof light fixture is comprised of a CZ086X series light fixture, wired and assembled to voltage and wiring per sku variants. Light fixture may include custom external mounting brackets, may be equipped with battery backup, and may include multiple LED modules. The ATEX-HALP-XXX-LED-XXX complies with the essential protection requirements of the European Parliament of the Council Directive for ATEX Directive and IEC Ex certified. This certification applies to all specimens manufactured in accordance to the manufactures drawings.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: James Thomas

Name: James Thomas
Position: Operations Manager


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# Frequently Asked Questions (FAQ)

There are no Faqs