

HAL-48-2L Fluorescent Light - C1 D II - Hazardous Location Areas - Multi-voltage

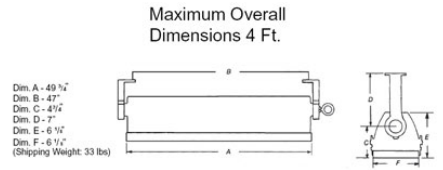
Part #: HAL-48-2L

**Made in the USA**

The Larson Electronics HAL-48-2L Hazardous Area Fluorescent Light Fixture is U.S./Canada U.L. approved Class 1 Division 2 Groups A, B, C and D - UL 1598A listed, has a T4A temperature rating and ideal for hazardous locations where flammable chemical/petrochemical vapors may be occasionally encountered.

The HAL-48-2L fixture is a 4 foot long, 2 lamp, UL listed Class 1 Division 2 Groups A, B, C and D hazardous area fluorescent light and a good choice for use in applications where space is at a premium. This fixture is T4A temperature rated, comes standard with F54-T5/850/HO bulbs, and is available with optional T12/HO and T8/841 bulbs.

The lamps are protected by an aluminum framed shatter and heat resistant clear acrylic lens secured with ten draw latches and the fixture is constructed of copper free aluminum alloy. The lamp reflector is corrosion resistant heavy gauge aluminum and coated with a high gloss reflective finish. This fixture is multi-voltage capable and is U.L. 595 and UL 1598A Marine Type approved for use marine environments. The HAL-48-2L provides operators in hazardous locations with a compact, reliable and affordable lighting solution for open areas where flammable chemicals and vapors may occasionally be present.



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NOTE ON LAMPS: This fixture comes equipped with F54-T5/850/HO – 54 Watt lamps producing 5,000 lumens per bulb, a 5000 Kelvin color and a 20,000 hour rated service life. We offer F48-T12/HO – 4050 lumens per bulb, 12,000 hours life, 4100 Kelvin color and F32-T8/841 – 2950 lumens per bulb, 24,000 hours life, 4100 Kelvin color tubes as lamp options for this fixture. The HAL-48-2L has an electronic multi-voltage ballast and works with 120 Volt 60 HZ, 220 Volt 50 HZ, 240 Volt 60 HZ and 277 Volts 60 HZ.

Standard Surface Mount Brackets:

Each bracket is cinched to the bracket mounting peg on each side of the light. The angle of the bracket is set by tightening two cap screws on either side of the bracket. The cap screws act as a set screw. The bracket itself is mounted via a single bolt hole at the top the bracket. There are two brackets, one on each end of the light. Once the brackets are mounted to a surface (ceiling, floor or wall), the light fixture can be removed from the brackets by loosening the cap screws that hold the bracket to the mounting peg. Mounting brackets are removable. A single through hole enables the operator to install the light to any surface. Pendant mounts are available for operators who wish to mount these fixtures away from the ceiling surface.

Suggested Applications: Aircraft maintenance, Oil drilling rigs, Refineries, Solvent and cleaning areas, Gas processing plants, Chemical manufacturing, Waste treatment plants, Gas processing plants.

Made in USA Quality

1. Each unit dialectically tested.
2. Fixture arrives assembled and lamped to reduce installation time and cost. Adjustable mounting brackets enable the operator to choose any mounting angle for the fixture, where other models may only offer one or three choices.
3. Fixture constructed streamlined ribbed corrosion-resistant, copper free extruded aluminum body for better heat dissipation and extended ballast life.
4. Aluminum extruded lens frame for greater strength
5. Relamping done via 10 draw latches, which enable the operator to unlatch the lens and access the lamps.
6. Heavy gauge extruded aluminum reflectors with high gloss reflective finish. Resists dents and corrosion.
7. 3/4 inch, threaded access hole for wiring conduit.
8. Units can be wired end to end in series.

Lamp Options

F54-T5/850/HO – 54 Watt, 5000 lumens per bulb, 20,000 hours life, 5000 Kelvin color

F48-T12/HO – 4050 lumens per bulb, 12,000 hours life, 4100 Kelvin color

F32-T8/841– 2950 lumens per bulb, 24,000 hours life, 4100 Kelvin color

F48-T8/HO - 48 watt, 4000 lumens per bulb, 18,000 hours life, 4100 Kelvin color (Suffix -T8HO)

[Click here to see the LED version of this light fixture](#)

Specifications / Additional Information**HAL-48-2L Hazardous Area****UL Listing:** United States - Canada**Dimensions:** W-7" L-49 3/4 " H-6 1/8 "**Weight:** 33 lbs.**Total Watts:** 108 watts***Voltage:** Multi- 120V-60hz 220V-50hz 240V-60hz 277V-60hz**Total Lumens: STD-T5-HO Bulbs** 10,000**Lamp Life Expectancy: STD-T5-HO Bulbs** 20,000 Hours**Efficiency: STD-T5-HO Bulbs** 92 Lumens per Watt**Operating Temp Range:** T4A Rated -30°C to +70°C**Beam Angle:** N/A**Color Temp:** 5000K- T5-HO Bulbs**Mounting:** Bracket Standard - Pendant Optional**Wiring Hub:** 3/4 inch threaded**U.L Approval:** [U.S Certificate](#) [Canada Certificate](#)**Minimum Operating Temp:** -30 C**Maximum Case Temp:** 90 C[Hal-48-2L Dimensional Drawing](#)

*Wattage totals are lamps only and may vary with different lamps.

*Temperatures above +65°C will diminish ballast life from 5 years to 3 years

Scroll Down to Purchase- Please note: 2 day lead time on this light.[Part #: HAL-48-2L \(1962\)](#)**U.L. Ratings**

Class 1 Division 2, Groups A, B, C, D

UL 595 Outdoor Marine Type (Saltwater)

UL 1598A Marine Type

California Title 24 Compliant

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671**Fax:** 1-903-498-3364**E-mail:** sales@larsonelectronics.com





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