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

HAL-EMG-48-2L-T8

HAL-EMG-48-2L-T8 Fluorescent Light w/ Emergency Backup Ballast - C1 D II - Hazardous Location Areas

Product ID: 49710

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.

HAL-EMG-48-2L-T8 Hazardous Area

NRTL Listed for United States & Canada

Lamp Type: Fluorescent

Dimensions: W-7" L-49 3/4 " H-6 1/8 "

Weight: 33 Lbs

Voltage: Multi- 120V-60hz 220V-50hz 240V-60hz 277V-60hz
Total Watts: 64 watts*

Total Lumens: F32-T8/841 Bulbs 5900
Luminous Efficacy F32-T8/841 Bulbs: 92.18 Lm/W
Lamp Life Expectancy F32-T8/841 Bulbs: 130,000 Hours

Color Temp: 4100K

Beam Angle: N/A

Ambient Operating Temp Range:-30°C to +70°C

Operating Temp Range: T4A Rated

Mounting: Bracket Standard - Pendant Optional

Wiring Hub: 1/2" or 3/4" threaded
Warranty: YES-3 Years*

Hal-48-2L Dimensional Drawing

Ratings

Class 1 Division 2, Groups A, B, C, D
NRTL Certified to UL 595 Outdoor Marine Type (Saltwater)

NRTL Certified to UL 1598A Marine Type

California Title 24 Compliant

Switch Leg for Powering Light On/Off

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

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

Fax: 1-903-498-3364

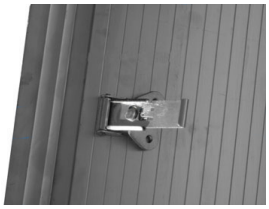
E-mail: sales@larsonelectronics.com

Made in the USA

The Larson Electronics HAL-EMG-48-2L-T8 Hazardous Area Fluorescent Light Fixture is NRTL Listed for United States and Canada Class 1 Division 2 Groups A, B, C and D - NRTL Certified to UL 1598A listed, has a T4A temperature rating and ideal for open air hazardous locations where flammable chemical/petrochemical vapors may be occasionally encountered.

The HAL-EMG-48-2L-T8 fixture is a 4 foot long, 2 lamp, 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 F32 T8 bulbs. The lamps are protected by an aluminum framed hinged glass door secured with four turn 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 NRTL Certified to U.L. 595 and UL 1598A Marine Type approved for use marine environments. The HAL-EMG-48-2L-T8 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.

Click Here to Enlarge



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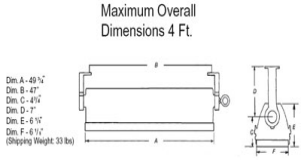

Click Here to Enlarge

This fluorescent light works, mounts and is wired like our EPL-48-2L explosion proof fluorescent light fixtures. The main difference is that we attach an extra Bodine ballast box to the unit that adds emergency light functionality to the fixture. This explosion proof emergency light will run the standard 90 minutes 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 90 minutes. For an additional charge, a second ballast can be added to run a second lamp for 1800 total lumens output for 90 minutes. The battery backup unit includes a switched leg for turning the light fixture on/off without kicking the unit into emergency mode.

NOTE ON LAMPS: This unit comes equipped with an electronic ballast and F32-

T8/841 bulbs which produce 2950 lumens per bulb and have a rated lifespan of 24,000 hours.
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, 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 of extruded corrosion resistant copper free aluminum alloy.
4. Relamping done via 4 turn latches, which enable the operator to unlatch the hinged door and access the lamps.
5. Heavy gauge extruded aluminum reflectors with high gloss reflective finish. Resists dents and corrosion.
6. 1/2" or 3/4", threaded access hole for wiring conduit.
7. Units can be wired end to end in series.

Lamp Options

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

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Frequently Asked Questions (FAQ)

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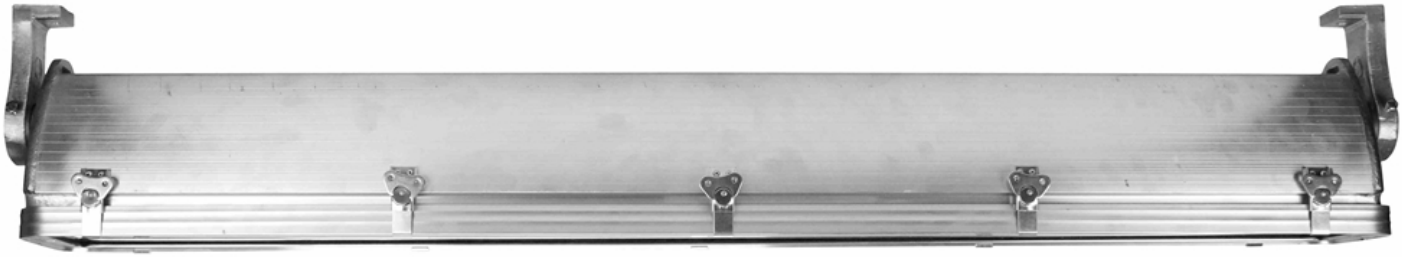

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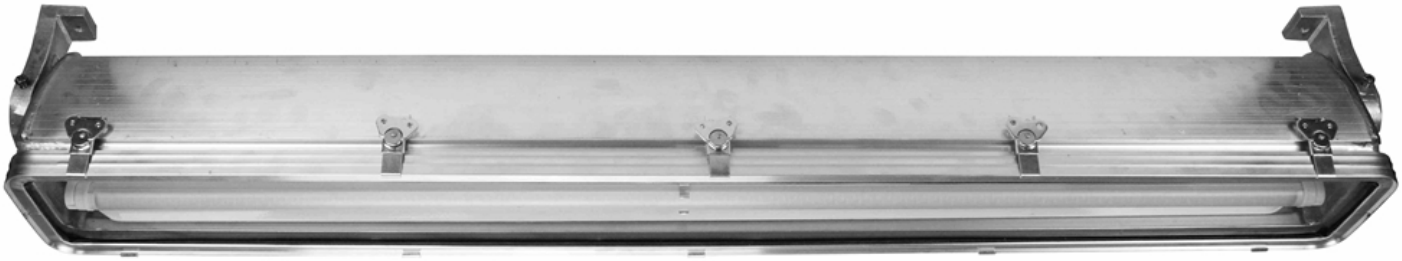

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HAL-EMG-48-2L-T8

Product ID: 49710

Export Control Classification Number (ECCN): EAR99

Options:

HAL-EMG-48-2L-T8-Mounting-Hub Config

Example: HAL-EMG-48-2L-T8-SFC-0.5IN

Mounting	
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
- Solidworks EASM File
- SpecSheetArabic
- SpecSheetFrench
- SpecSheetSpanish
- STEP File (3D CAD Model)
- Wiring Diagram
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- Video1
- Video2
- Video3
- Video4
- Video5
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map