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HAL-LI-EMG-48-4L-T5HO

Hazardous Area Emergency Fluorescent Light - Lay-In Mount - 2X4 Front Load Troffer - Failsafe - T5HO

Product ID: 50569

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-LI-EMG-48-4L-T5HO Hazardous Area

Listing: United States - Canada

Dimensions: W-23 1/2" L-47 1/2 " D- 3 15/16 "

Materials: Powder Coated 20 Gauge Steel

Total Watts: 216 watts

Weight: 44 lbs

Voltage: 120-277 - 347 & 480 Optional

Total Lumens: STD-T5-HO Bulbs 20,000

Lamp Life Expectancy: STD-T5-HO Bulbs 20,000 Hours

Efficiency: STD-T5-HO Bulbs 92 Lumens per Watt

Operating Temp Range: T3C Rated 160°C

Beam Angle: N/A

Color Temp: 5000K Standard - 4100K Optional

Mounting: Low Profile Lay-In Troffer Design

Wiring Hub: 1/2" threaded NPT

Approvals

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

Class 2 Division 2 Groups F,G

Suitable for Locations with Paint Deposits

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The Larson Electronics HAL-LI-EMG-48-4L-T5HO Hazardous Area

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Fluorescent Light Fixture is U.S./Canada ETL listed Class 1 Division 2 Groups A, B, C and D and ideal for use in paint spray booth, clean rooms and industrial hazardous locations where accumulated paint and finish residues may be encountered. This unit is of a lay-in mount, front loading troffer design offering a low profile for providing maximum illumination from limited mounting space.

******PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO THIS HAZARDOUS LOCATION LIGHT FIXTURE******

The HAL-LI-EMG-48-4L-T5HO fixture is a 4 foot long, 4 lamp, Class 1 Division 2 Groups A, B, C and D hazardous area fluorescent light and a good choice for use in industrial clean room applications and paint spray booths. This front access troffer style fixture is T3C temperature rated, vapor proof and dust proof, and comes standard with F54-T5/850/HO T5 high output bulbs. The housing on this unit is constructed of powder coated 20 gauge steel, and is sealed and gasketed for safety. The Lamp housing contains a highly reflective insert to increase light output efficiency. The lamps are held in place by spring loaded sockets and protected by a 90° hinged glass door with a 3/16” tempered glass lens which is secured with three turn latches.

This fixture is multi-voltage capable and is available in voltages of 120-277 VAC. Wiring is through 1/2" NPT wiring hubs located on the back side of the fixture. This fixture also provides added safety through the inclusion of an integral magnetic paint spray cutoff switch that shuts down paint spray systems when the fixture is opened.

This fixture features a troffer lay-in mounting design housing that measures only 3-15/16" in thickness and 2` wide by 4` long, resulting in a very low profile fixture that is deal for flush mounting in ceilings that utilize standard sized ceiling tiles.

This fluorescent light works, mounts and is wired like our HAL-LI-48-4L-T5HO hazardous location fluorescent light fixtures. The main difference is that we attach an extra Bodine ballast box to the unit that adds the 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 standard 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.

Made in USA Quality

1. Each unit dialectically tested.
2. Fixture arrives assembled and lamped to reduce installation time and cost. Lay in troffer style housing for low profile installtion.
3. Fixture housing constructed of white powder coated 20 gauge steel.
4. Relamping done via 3 turn latches, which enable the operator to unlatch the hinged door and access the lamps.
5. Polished specular reflector for improved light output and light distribution.
6. 1/2" threaded NPT access holes for wiring.
7. 120-277 VAC standard - 347-480VAC optional.
8. Magnetic paint spray system cutoff switch in door for added saftey.

Lamp Options

F54-T5/850/HO – 54 watt, 5000 lumens per bulb, 20,000 hours life, 5000 Kelvin color, CRI 85 RHA-UNV-254-LT5 Ballast is THD<10% and HPF .98 (Suffix –50KT5)

F54-T5/841/HO – 54 watt, 5000 lumens per bulb, 20,000 hours life, 4100 Kelvin color, CRI 85 RHA-UNV-254-LT5 Ballast is THD<10% and HPF .98 (Suffix –41KT5)

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Frequently Asked Questions (FAQ)

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HAL-LI-EMG-48-4L-T5HO

Product ID: 50569

Export Control Classification Number (ECCN): EAR99

Options:

HAL-LI-EMG-48-4L-T5HO-Color Temp

Example: HAL-LI-EMG-48-4L-T5HO-50KT5HO

Color Temp	
5000K	-50KT5HO
4100K	-41KT5HO

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **MSDS (Material Safety Data Sheet**
- **STEP File (3D CAD Model)**
- **Video1**
- **Video2**
- **Video3**
- **Video4**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**