

HALS-EMG-48-4L-T8

Hazardous Area Fluorescent Light -Emergency Backup Ballast - Class I Div 2 -4' 4 lamp - T8

Product ID: 72947

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.

HALS-EMG-48-4L-T8 Hazardous Area

NRTL Listed for United States & Canada

Lamp Type: Fluorescent

Dimensions: W-20 11/16" L-51 1/2 " H-5 5/16 "

Weight: 8 Lbs

Voltage: 120, 277, 347 & 480

Total Watts: 128 Watts

Total Lumens: STD-T8 Bulbs 11,200

Luminous Efficacy STD-T8 Bulbs: 92 Lm/W

Lamp Life Expectancy: STD-T8 Bulbs 30,000 Hours

Color Temp: 4100K- T8 Bulbs

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

Operating Temp Range: T3C-T4A Rated

Battery Backup: 90 Minute Runtime 900 Lumens

Surface Mounting: Surface Bracket Standard - Pendant Optionals

Wiring Hub: 1/2inch threaded 2-On Top 2-On Ends

Ratings

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

Class 2 Division 2 Groups F,G

Class III

IP65

Wet Area Suitable

NRTL Certified to UL 1598

NRTL Certified to UL 844

Switch Leg for Powering Light On/Off

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The Larson Electronics HALS-EMG-48-4L-T8 Hazardous Area Fluorescent Light Fixture is NRTL Listed for United States and Canada Class I Division 2 Groups A, B, C and D - NRTL Certified to UL 1598 listed and ideal for use in industrial hazardous locations where wet conditions and chemical/petrochemical vapors may be encountered.

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

The HALS-EMG-48-4L-T8 fixture is a 4 foot long, 4 lamp, Class I Division 2 Groups A, B, C and D hazardous area fluorescent light and a good choice for use in industrial applications and wet areas. This fixture is T4C temperature rated and comes standard with 4 F32/841 T-8 bulbs. The housing on this unit is constructed of powder coated 18 gauge steel for durability and contains a hinged reflector and ballast tray for easy and safe servicing. The lamps are held in place by spring loaded sockets and protected by a hinged glass door with a 3/16" tempered glass lens which is secured with four turn latches.

This fixture is multi-voltage capable and can be operated with voltages of 120, 277, 347 & 480 VAC. This fixture is IP65 rated water and dustproof and approved for wet and marine locations. This fixture also features multiple 1/2" NPT wiring hubs with two located on top of the fixture and two more located at each end, allowing operators to through-wire multiple units in series or mount the unit with wire through conduit pendant mounts.

The HALS-EMG-48-4L-T8 provides operators in hazardous locations with a very durable, reliable and affordable lighting solution for open areas where flammable chemicals and vapors may occasionally be present.

This fluorescent light works, mounts and is wired like our HALS-48-4L-T8 hazardous area 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.

Standard Surface Mount Brackets: Each surface mounting bracket is attached on each end of the light and allows the operator to adjust the angle of the entire fixture. 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 housing constructed of white powder coated 18 gauge steel.
4. Relamping done via 4 turn latches, which enable the operator to unlatch the hinged door and access the lamps.
5. Heavy gauge hinged reflector with high gloss reflective finish. Resists dents and corrosion.
6. Multiple 1/2 inch, threaded NPT access holes for through wiring.
7. Units can be wired end to end in series.

Lamp Options

F32-T8/841 – 2800 lumens per bulb, 32 watts, 24,000 hours life, 4100 Kelvin color



Frequently Asked Questions (FAQ)

HALS-EMG-48-4L-T8

Product ID: 72947

Export Control Classification Number (ECCN): EAR99

Options:

HALS-EMG-48-4L-T8-Mount

Example: HALS-EMG-48-4L-T8-SFC

Mount	
SURFACE	-SFC
PENDANT	-PND
CABLE	-CAB

Links (Click on the below items to view):

- [MSDS \(Material Safety Data Sheet\)](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)