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HALD-48-2L-T8

Low Profile, Explosion Proof Light - 4Ft, 2 Lamp - Class 1 Div. 2 - Paint Spray Booth Rated - T8 - 1X4 Lay-In Mounting

Product ID: 48679

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: HALD-48-2L-T8

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.

HALD-48-2L-T8 Paint Booth Lay-In Fixture

Listing: United States - Canada
Lamp Type: Fluorescent
Dimensions: 50-7/8"-L x 10 3/4"-W x 2-1/4"-D
Total Watts: 64 Watts
Voltage: 120-277 V AC, 50/60 Hz
Total Lumens: 5,900
Lamp Life Expectancy: 24,000 Hours
Efficiency: 92 Lm/W
Operating Temp Range: T3C Rated
Beam Angle: N/A
Color Temp: 5000K
Magnetic Switch: 10 Watts @ 300 V AC Max
Mounting: Recessed 1X4 Lay-In Panel Mounting
Wiring Hub: 1/2" NPT

Ratings/Approvals

Listed for United States and Canada
Class I, Division 2, Groups A, B, C, D
Class II, Division 2 Groups F,G
NRTL Certified to UL 844
NRTL Certified to UL 1598
NRTL Certified to CSA C22.2 No. 137.0, 250.0
Listed for Paint Spray Booths
T3C Temperature Rating

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
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E-mail: sales@larsonelectronics.com

Made in the USA

The HALD-48-2L-T8 from Larson Electronics is a Hazardous Area Fluorescent Light Fixture that is designed to provide a thin fixture profile that allows the maximum use of available space. This fluorescent fixture is U.S./Canada approved Class I Division 2, Groups A, B, C and D - Class II Division 2, Groups F and G and designed for paint spray booths and locations where flammable chemical/petrochemical vapors are present. The HALD-48-2L-T8 is designed for 1X4 lay-in mounting.

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

The HALD-48-2L-T8 Explosion Proof fixture is a 4 foot long, 2 lamp, Class 1 Division 2 hazardous area fluorescent light and ideal for use in paint spray booths and hazardous locations where space for lighting fixtures is limited. This fixture is T3C temperature rated, comes standard with F32-T8/841 bulbs and features an integrated magnetic paint spray system cutoff switch that is activated when this fixture`s lamp door is opened. The lamps are protected by a steel framed, hinged, 3/16" thick glass door that provides direct front access to the four lamps. The lamp housing is only 2 and 1/4 inches thick, designed for recessed 1X4 lay-in mounting, constructed of 20 Gauge steel and coated with a baked on white enamel finish.

This fixture is multi-voltage capable and is approved for use paint spray booths. The HALD-48-2L provides operators in hazardous locations with a reliable and durable, low profile lighting solution that provides added safety through the inclusion of an integral paint spray cutoff switch that shuts down paint spray systems when the fixture is opened.

NOTE: The integral magnetic cutoff switch included with this fixture is activated when the lamp door is opened. This switch is not intended to directly control light operation and requires the addition of a separate solid state relay which is then used to control actual system operation. The Cutoff Switch acts only as an activator for an external relay and is rated for 10 watts at a maximum of 300 V AC. Overloading the switch through improper connection will result in switch failure. It is recommened that a certified electrician make any installations and reviews of relay connections intended to take advantage of this light`s cutoff switch. The HALD-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.

Mounting: This fixture is designed for 1X4 lay-in mounting and requires a mounting hole to be made in booth panels capable of accomodating the fixture housing in order to provide the maximum amount of space in paint spray booth enclosures. Once mounted, this fixture`s glass door frame will extend 3/8" into the spray booth.

Applications: Paint spray booths and enclosed spaces where flammable chemical/petrochemical vapors are present.

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.

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Frequently Asked Questions (FAQ)

There are no Faqs

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Export Control Classification Number (ECCN): EAR99

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- **Dimensional Drawing 2D**(https://www.larsonelectronics.com/images/product/DimensionalDrawing/48679.PDF)
- **IES (Photometric File)**(https://www.larsonelectronics.com/images/product/ies/48679.ZIP)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com/images/product/Msds/48679.PDF)
- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/48679.PDF)
- **SpecSheetArabic**(https://www.larsonelectronics.com/images/product/SpecSheetArabic/48679.PDF)
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- **Video1**(https://www.youtube.com/watch?v=OGbw09xDTqI)
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