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HALD-48-4L-T12

Low Profile - Explosion Proof Light - 4 Foot, 4 Lamp - T12 - Class 1 Division 2 - Paint Spray Booth

Product ID: 64289

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.

HALD-48-4L-T12 Paint Booth Fixture
UL Listing: United States - Canada
Dimensions: W-15 3/4" L-50 7.8" D-2 1/4"
Magnetic Switch: 10 watts@300 VAC Max
Total Watts: 240 watts
Voltage: Multi- 120-277 Volts 50/60 Hz
Total Lumens: 16,200
Lamp Life Expectancy: 12,000 Hours
Efficiency: 67.5 Lumens per Watt
Operating Temp Range: T3C Rated
Beam Angle: N/A
Color Temp: 4100K -T12HO, 5100K -T12DHO (Daylighter)
Mounting: Recessed Panel Mounting
Wiring Hub: 1/2 inch threaded NPT

E.T.L Ratings
Class 1 Division 2, Groups A, B, C, D
Class 2 Division 2 Groups F,G
T3C (160 degree C)
ETL listed U.S. and Canada

Special Orders - Special Requirements
Contact us for special requirements
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Made in the USA

The Larson Electronics HALD-48-4L-T12 Hazardous Area Fluorescent Light Fixture 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 1 Division 2, Groups A, B, C and D - Class 2 Division 2, Groups F and G and designed for paint spray booths and locations where

flammable chemical/petrochemical vapors are present. THIS FIXTURE IS NOT APPROPRIATE FOR SURFACE MOUNT APPLICATIONS.

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

The HALD-48-4L-T12 Explosion Proof fixture is a 4 foot long, 4 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 F48-T12/HO 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 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-48-4L 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 VAC. 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-48-4L 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 recessed 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 ftixture`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.

Made in USA Quality

1. Each unit dialectically tested.
2. Fixture arrives assembled and lamped to reduce installation time and cost.
3. Fixture constructed of 20 gauge steel with a baked on white enamel finish.
4. Relamping done via fixed hinge, drop open door.
5. Reflectors coated with high gloss reflective enamel finish.
6. 1/2 NPT conduit hub for wiring.
7. Integrally mounted magentic cutoff switch for connection to relay system allows automatic shutoff of paint system when fixture door is opened.
8. Low profile fixture housing is only 2 1/4" thick, providing the maximum amount of room in space limited spray booth enclosures.

Lamp Options

F48-T12/HO – 60 watt, 4050 lumens per bulb, 12,000 hours life, 4100 Kelvin color (Suffix –T12HO)

T12HO with magnetic ballast for high heat configurations ("hot box" explosion proof light applications) - 60 watt, 4050 lumens per bulbs - This bulb, ballast and wiring configuration is designed for applications to 165 degrees C.

F48-T12-D-HO – 60 watt, 4050 lumens per bulb, 12,000 hours life, 5100 Kelvin color (76 CRI - Color Rendition) - This specialty lamp is designed to mimic daylight conditions. For paint spray booth operators requiring a brighter color light than a traditional "cool white", this bulb can be useful. (Suffix –T12DHO)

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Frequently Asked Questions (FAQ)









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Product ID: 64289

Export Control Classification Number (ECCN): EAR99

Options:

HALD-48-4L-T12-Lamp

Example: HALD-48-4L-T12-T12HO

Lamp	
T12HO	-T12HO
T12 HOTBOX	-T12HB
T12 DAYLIGHTER	-T12DHO

Links (Click on the below items to view):

- Dimensional Drawing 2D
- MSDS (Material Safety Data Sheet
- Operations Manual
- SpecSheetSpanish
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- Video1
- Video2
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map