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Hazardous Location Fluorescent Lighting - 4' 4 Lamp Fixture - T8 - 120-277V - Class I Div 2

Part #: HALS-48-4L-T8

Made in the USA

The Larson Electronics HALS-48-4L-T8 Hazardous Area Fluorescent Light Fixture is U.S./Canada listed Class I Division 2 Groups A, B, C, D, UL 1598, 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-48-4L-T8 fixture is a 4 foot long, 4 lamp, UL listed 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 T4A temperature rated and comes standard with F32/741 T-8 bulbs. The housing on this unit is constructed of powder coated 16 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 VAC. This fixture is IP65 rated water and dustproof and carries United States and Canada approvals for wet and marine locations. This fixture also features multiple 1/2 NPT wiring hubs with two located on top of the fixture at 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.

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Energy Consumption Comparison

	T5HO	T8	LED
Wattage	216 watts	128 watts	112 watts
Amp Draw @ 120V AC	1.80 amps	1.07 amps	0.93 amps
Amp Draw @ 220V AC	0.98 amps	0.59 amps	0.51 amps
Amp Draw @ 240V AC	0.90 amps	0.54 amps	0.47 amps
Amp Draw @ 277V AC	0.78 amps	0.47 amps	0.40 amps
Amp Draw @ 12V DC	18 amps	10.67 amps	9.33 amps
Amp Draw @ 24V DC	9 amps	5.34 amps	4.67 amps
Lamp Life Expectancy	20,000 hours	24,000 hours	50,000 hours
Operation cost per year (12hs/day @ 12c/kWh)	$113.53	$67.28	$58.86

Adjustable Surface Mount Brackets: Two L-brackets enables it to be simply secured to any flat surface. Three through holes provide sufficient mounting for any environment. Once the brackets are mounted to a surface (ceiling, floor or wall), the light fixture can be repositioned by removing the adjustment bolts, rotating the fixture, and re-inserting the adjustment bolts in pre-drilled holes.

Suspension Mounting: Pendant mount fixtures hang from the ceiling and are suspended by rigid pipe. Each fixture is equipped with two 3/4" NPT hubs, one on each end of the fixture. Operators bring rigid pipe down to the threaded mounting hubs. Wiring is fed down through the rigid pipe to one of the NPT hubs and tied in to the fixture's lead wires, completing the electrical connection. The remaining pendant hub provides support for the opposite end of the fixture.

Suggested Applications: Aircraft maintenance, Oil drilling rigs, Refineries, Solvent and cleaning areas, Gas processing plants, 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 16 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, 24,000 hours life, 4100 Kelvin color

Specifications / Additional Information

HALS-48-4L-T8 Hazardous Location Lighting

Listing: United States - Canada

Dimensions: 12-3/16"-W x 51-1/2"-L x 5-5/16"-H

Weight: 45 Lbs

Voltage: Universal 120-277VAC 50/60 Hz

Total Watts: 128 watts

Total Lumens: 11,800

Lamp Life Expectancy: 24,000+ Hours

Luminous Efficiency: 92 Lumens per Watt

Color Temp: 4,100K

Color Rendering Index: 85

Beam Angle: 150°

Operating Temp Range: T3C-T4A Rated

Housing Material: Powder Coated 16 Gauge Steel

Lens Material: Tempered Glass Lens

Mounting: Surface Bracket Standard - Pendant Optional

Wiring Hub: 1/2" NPT - (2) On Top, (2) On Ends

U.L Approval: U.S Certificate Canada Certificate

Warranty: 3 Years*

*3 year warranty replacement on this light (or LED bulbs for light fixtures with removable LED bulbs). After 30 days, the customer ships the failed light and/or LED bulb to Larson Electronics at their expense. If the failure is a manufacturer defect, we will ship a new replacement to the customer. If failure occurs within 30 days of receipt, Larson Electronics will provide a return label via email to the customer. When the failed light is returned, Larson Electronics will ship a new replacement. Please click here to see our 5 Year Warranty pamphlet.

Scroll Down to Purchase

Part #: HALS-48-4L-T8 (48586)

Ratings/Approvals

Listed for United States & Canada

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

Class II, Division 2 Groups F,G

Class III

UL 844

UL 1598

IP65

Wet Area Suitable

Quick Release Draw Latches & Hinged Lens

Ease-of-Access Front Access Serviceability

Adjustable Surface Mount Brackets

Made in the USA

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-498-3363

E-mail: sales@larsonelectronics.com

Links (Click on the below items to view):

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