

EPL-48-4L-347V

Explosion Proof Fluorescent Lights for Paint Booths - 4 foot - 4 lamp - 347 Volts AC

Product ID: 50829

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.

EPL-48-4L-347V Explosion Proof

NRTL Listed for United States & Canada

Dimensions: W-24.90" L-57.76" H-9.70"

Weight: 130 Lbs

Total Watts: *216 watts

Voltage: 347VAC

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

Ambient Operating Temp Range: -30 to 70 C

Beam Angle: N/A

Color Temp: 5000K - T5-HO Bulbs

Mounting: Unistruts - surface mount

Wiring Hub: 1/2 inch threaded

Operating Temp Rating: T6 Rated

Minimum Operating Temp: -30 C

Maximum Case Temp: 90 C

*Substitution of included standard bulbs for higher output lamps may affect paint spray booth approval.

*Wattage totals are lamps only and may vary with different lamps.

*Temperatures above 65° C will diminish ballast life from 5 years to 3 years)

Ratings

Class 1 Div 1 & 2, Groups C & D

Class 1 Div 2, Group A,B,C,D

NRTL Certified to UL 595 Outdoor Marine Type (Saltwater)

NRTL Certified to UL 844, 924

NRTL Certified to UL 1598 Marine Type

Class 2 Division 1- 2, Groups E,F,G

Listed for Paint Spray Booths*

California Title 24 Compliant

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The Larson Electronics EPL-48-4L-347V Explosion Proof Fluorescent Light Fixture is NRTL Listed for United States and Canada Class 1 Division 1, Class 1 Division 2 and ideal for hazardous locations where flammable petrochemical vapor or combustible dust exists or has the potential to exist. The unit has a T6 temperature rating and is approved for paint spray booths.

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

The EPL-48-4L-347V is our 4 foot long, 4 lamp, Class 1 Division 1 and Class 2 Division 1 & 2 explosion proof fluorescent light which is also approved for use in paint spray booth applications. This T6 temperature rated fixture comes standard with four fluorescent lamps and is configured for use with 347 VAC current. This fixture is also offered in a multi-voltage capable with 120-277 Voltage range. The EPL-48-4L-347V provides operators in hazardous locations with a powerful and affordable lighting solution that provides the best explosion proof protection available without sacrificing fixture durability.



[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)



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NOTE ON LAMPS: We offer a choice of bulbs with all of our explosion proof fluorescent fixtures. However, we standardize on the T-5HO bulbs mostly for longevity and high output. We also offer a 32 Watt F-32 T8 lamps for this fixture.

Mounting options: Standard surface mounting via our L-brackets attached to Unistruts. Pendant mounting is available for greater distancing of the fixture from the mounting surface (upon request) The Unistrut is attached to our standard L-bracket mounts. These L-bracket mounts can be adjusted to create angle mounts. As illustrated in the photos above, the series of mounting holes at the top of the bracket enable this explosion proof light to be attached to any wall, ceiling or floor surface. A simple through bolt can be used to secure the light to the surface. A single junction box at one end of the light is provided for the electrical connection.

Suggested Applications: Paint spray booths, 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 constructed of extruded corrosion resistant copper free aluminum alloy.
4. Over-sized, finned ballast housing for 800 mA fixtures provides more heat dissipation and extends ballast life. Larger ballast box accommodates High Output lamp ballasts. Ballast housing easily accessible and externally mounted. Top and bottom covers secured with nuts and bolts, instead of threaded through holes, which can be damaged with dirt.
5. Heavy gauge extruded aluminum reflectors with high

Lamp Options

F54T5HO-850 – 54 watt, 5000 lumens per bulb, 20,000 hour life, 5000 Kelvin color (Suffix –T5)
F32T8-841 – 32 watt, 2950 lumens per bulb, 24,000 hours life, 4100 Kelvin color (Suffix –T8)

gloss reflective finish. Resists dents and corrosion.

6. A wrench is used to unscrew the end caps for relamping the fixture, while other models require the "tap and knock off" method to loosen the end cap.

7. Explosion proof, impact and heat resistant Pyrex tubes provide lamp protection.

8. Spring loaded sockets on both ends hold lamps firmly for maximum shock and vibration protection.



Frequently Asked Questions (FAQ)

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Product ID: 50829

Export Control Classification Number (ECCN): EAR99

Options:

EPL-48-4L-347V-Lamp Options

Example: EPL-48-4L-347V-T8

Lamp Options	
T8	-T8
T5HO	-T5

Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [MSDS \(Material Safety Data Sheet\)](#)
- [Solidworks EASM File](#)
- [SpecSheetSpanish](#)
- [STEP File \(3D CAD Model\)](#)
- [Video1](#)
- [Video2](#)
- [Video3](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)