Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

EPL-48-4L-220V

220V Explosion Proof Fluorescent Lights for Paint Booths - 4 foot - 4 lamp

Product ID: 149191

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-220V Explosion Proof

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

Weight: 130 Lbs
Total Watts: *216 watts

Voltage: 220V 50/60 Hz

Total Lumens: STD-T5-HO Bulbs 20,000
Lamp Life Expectancy: STD-T5-HO Bulbs 20,000 Hours
Efficiency: STD-T5-HO Bulbs92 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 degrees C will diminish ballast life from 5 years to 3 years)**

Ratings

NRTL Listed for United States & Canada

Class 1 Div 1 & 2, Groups C & D
Class 1 Div 2, Group A,B,C,D
Class 2 Division 1- 2, Groups E,F,G

UL 595 Outdoor Marine Type (Saltwater)
UL 844, 924
UL 1598 Marine Type
Paint Spray Booth Approved

California Title 24 Compliant

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

Made in the USA

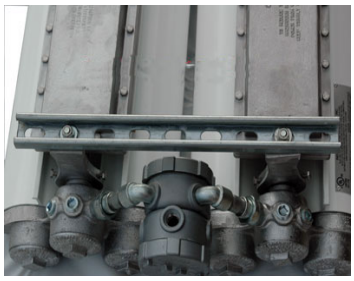
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The Larson Electronics EPL-48-4L-220V Explosion Proof Fluorescent Light Fixture is NRTL Listed fir United States and Canada, and rated Class 1 Division 1, Class 1 Division 2 and ideal for hazardous locations where flammable petrochemical vapor or combustible dust exists or has the potential to exist. This explosion proof fixture runs on 220V, 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******

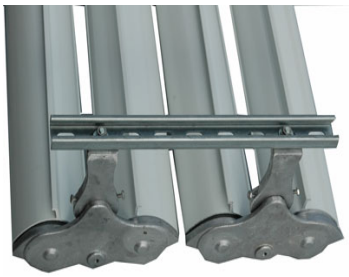
The EPL-48-4L-220V is our 4 foot long, 4 lamp, Class 1 Division 1 and Class 2 Division 1 & 2 explosion proof fluorescent light which is also approved for use in paint spray booth applications. This T6 temperature rated fixture comes standard with four fluorescent lamps. This fixture runs on voltages of 220V. The EPL-48-4L-220V 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



Click Photo to Enlarge

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. However, many of our customers, including Naval bases, shipyards, oil rigs and petrochemical processing plants operate in very cold conditions, and T-12HO bulbs operate well in those environments. The T12VHO, 110 watt Very High Output lamps make this fixture an ideal replacement for 400 watt metal halide surface mount fixtures in hazardous location areas requiring Class 1 Division 1 rated lights. *However, the 110 watt T12VHO lamp configuration is not appropriate for paint spray booth applications.

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)
F48T12HO-CW – 60 watt, 4050 lumens per bulb, 12,000 hours life, 4100 Kelvin color (Suffix –T12HO)
F32T8-841 – 32 watt, 2950 lumens per bulb, 24,000 hours life, 4100 Kelvin color (Suffix –T8)
F48-T8/HO - 48 watt, 4000 lumens per bulb, 18,000 hours life, 4100 Kelvin color (Suffix -T8HO)
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 application 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

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.

conditions. For paint spray booth operators requiring a brighter color light than a traditional "cool white", this bulb can be useful. (Suffix –T12DHO)
F-48-T12-VHO – 110 watt, 7000 lumens per bulb, 12,000 hours life, 4200 Kelvin color (Suffix –T12VHO) NOTE: the 110 watt lamps raise the temperature rating from T5 to T6, which is NOT appropriate for paint spray booth applications. The fixture is still Class 1 Division 1 rated, however, this fixture is no longer paint spray booth certified with the 110 watt Very High Output lamp.

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Frequently Asked Questions (FAQ)



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Product ID: 149191

Export Control Classification Number (ECCN): EAR99

Options:

EPL-48-4L-220V-Lamp Type-Mount

Example: EPL-48-4L-220V-T12-SFC

Lamp Type	
T12	-T12
T12HO	-T12HO
T8	-T8
5000K T5HO	-50KT5HO
4100K T5HO	-41KT5HO
T12 DL HO	-T12DL
T8 PROG	T8PM
T12-D-HO	-T12DHO

Mount	
SURFACE	-SFC
PENDANT	-PND

Links (Click on the below items to view):

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