

Low Profile Surface Mount Explosion Proof Fluorescent Light - 20,000 Lumens - Paint Booth Approved

Part #: EPL-48-216

**Made in the USA**

The Larson Electronics EPL-48-216 Explosion Proof Fluorescent Light Fixture is U.S./Canada U.L. approved Class 1 Division 1 and Class 1 Division 2 for hazardous locations where flammable chemical/petrochemical vapors exist or have the potential to exist. The unit carries a T6 temperature rating, it is also approved for Paint Spray Booths.

The EPL-48-216 fixture is a 4 foot long, 4 lamp, UL listed 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 T5 high output fluorescent lamps. The lamps are protected by heat and impact resistant Pyrex tubes and the fixture is constructed of copper free aluminum alloy. The lamp reflectors are corrosion resistant heavy gauge aluminum and coated with a high gloss reflective finish. This fixture is multi-voltage capable and is available with a variety of lamp options. The EPL-48-216 provides operators in hazardous locations with a reliable and affordable lighting solution that provides the best explosion proof protection available without sacrificing light quality or fixture durability.

[Click Image to Enlarge](#)[Click Image to Enlarge](#)[Click Image to Enlarge](#)

Click here to see the LED version of this fixture

Mounting Options: Unless otherwise specified, our standard, most popular configuration is the bracket end mounting shown enlarged below. We also offer a pendant mount for those needing to suspend the fixture away from the ceiling surface (i.e. suspend from pipe or conduit). Additional mounting configurations can be customized to meet the requirements on the application. Please contact us for special mounting configurations.

Adjustable Surface Mount Brackets: Each bracket is cinched to the bracket mounting peg on each side of the light. The angle of the bracket is set by tightening two cap screws on either side of the bracket. The cap screws act as a set screw. The bracket itself is mounted via a single bolt hole at the top the bracket. There are two brackets, one on each end of the light. Once the brackets are mounted to a surface (ceiling, floor or wall), the light fixture can be removed from the brackets by loosening the cap screws that hold the bracket to the mounting peg.

Suspension Mounting: Pendant mount fixtures hang from the ceiling and are suspended by rigid pipe. Each fixture features a 1/2" NPT junction box on one end, and a 1/2" NPT adjustable L-bracket on the other end of the fixture. Operators bring rigid pipe down to the threaded mounting hubs. Wiring is fed down through the rigid pipe to the junction box and tied in to the fixture's lead wires, completing the electrical connection. The adjustable L-shape mounting bracket provides support for the opposite end of the fixture.

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 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.

Lamp Options

F54-T5/850/HO – 54 watt, 5000 lumens per bulb, 20,000 hours life, 5000 Kelvin color, CRI 85 RHA-UNV-254-LT5 Ballast is THD<10% and HPF .98 (Suffix -50KT5)

F54-T5/841/HO - 50 watt, 4450 lumens per bulb, 20,000 hour life, 4100 Kelvin color, CRI 85 (Suffix -41KT5)

This light is also available with LED bulbs instead of fluorescent bulbs. [Click here to view.](#)

Specifications / Additional Information**EPL-48-216 Explosion Proof Fluorescent Light Fixture****Listing:** United States - Canada**Dimensions:** W-11.25" x L-52" x H-8.5 "**Weight:** 70 Lbs**Voltage:** Universal 120-277VAC 50/60 Hz**Total Watts:** 216W**Total Lumens:** 20,000**Lamp Life Expectancy (Hrs):** 20,000 (T5HO)**Luminous Efficiency (Lm/W):** 95.59 (T5HO)**Color Temp:** 5000K or 41000K**Beam Angle:** 150°**Ambient Operating Temp Range:** -20°C to +70°C**Operating Temp Rating:** T6 Rated**Minimum Operating Temp:** -30°C**Maximum Case Temp:** +90°C**Housing Material:** Cast Aluminum End Caps, Aluminum Reflectors - Copper Free**Lens Material:** Hardened Borosilicate Glass Tubes**Gasket Material:** Buna Rubber O-Rings**Mounting:** Surface Standard - Pendant Optional**Wiring Hub:** 1/2" NPT**Warranty:** 5 Years***U.L Approval:** [U.S Certificate](#) [Canada Certificate](#)

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

*5 year warranty replacement on this light. After 30 days, the customer ships the failed light 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, we will ship a new replacement.

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[Part #: EPL-48-216 \(64357\)](#)

Ratings/Approvals

Class I Division 1, Groups C and D T6

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

Class II, Division 1 & 2, Groups E,F,G

UL 595 Marine Type (Saltwater)

UL 844

UL 1598 Marine Type

Certified Canadian Standards

Listed for Paint Spray Booths

ABS Certified

California Title 24 Compliant

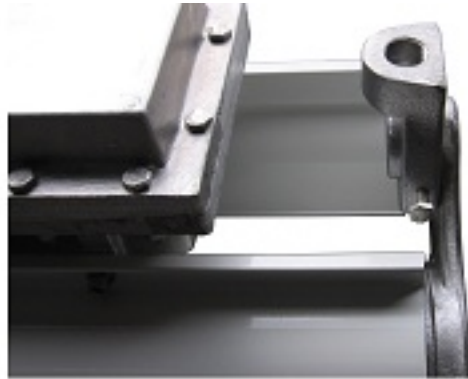
IP67 Rated - Waterproof

T6 Temperature Rating

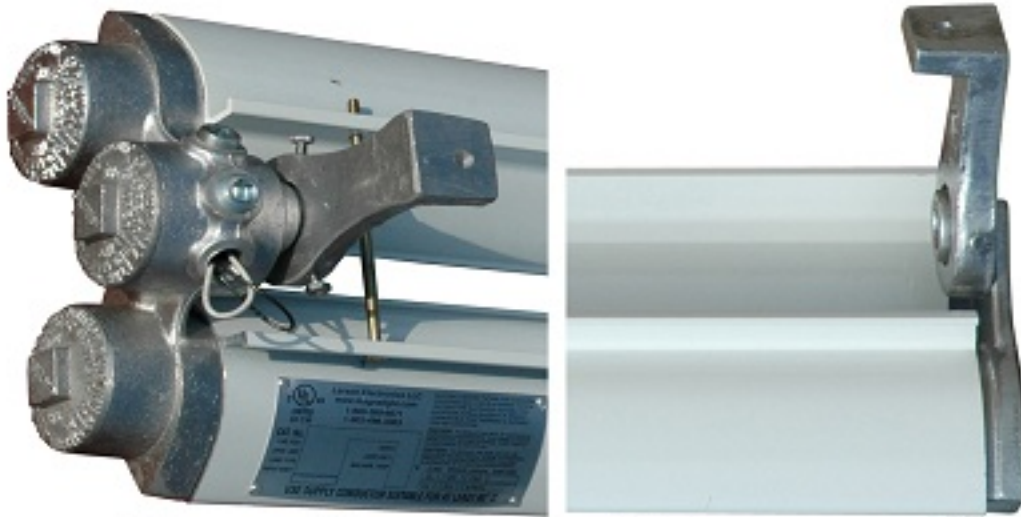
NEMA 4X

Approved for Confined Spaces

Special Orders- Requirements**Phone:** 1-214-616-6180**Toll Free:** 1-800-369-6671**Fax:** 1-903-498-3364**E-mail:** sales@larsonelectronics.com



Pendant Mount



Surface Mount



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