

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

Part #: EPL-48-216

**Made in the USA**

The Magnalight 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.

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Standard Bracket Mounts: 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. The first picture shown above illustrates the ballast side bracket and also shows the access caps for changing the bulbs. The second picture shows the bracket at the opposite end of the fluorescent light.

Additional mounting options: Unless otherwise specified, our standard, most popular configuration is the bracket end mounting shown in the photos above. 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).

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)

Specifications / Additional Information**EPL-48-216 Explosion Proof****UL Listing:** United States - Canada**Dimensions:** W-11.25" L-52" H-8.5 "**Weight:** 70 Lbs**Total Watts:** 216 watts**Voltage:** Universal 120V-277V 50/60 Hz**Total Lumens:** 20,000**Lamp Life Expectancy:** 20,000 Hours**Efficiency:** 92 Lumens per Watt**Ambient Operating Temp Range:** -20 C to 70 C***Operating Temp Rating:** T6 Rated**Minimum Operating Temp:** -30 C**Maximum Case Temp:** 90 C**Color Temp:** 5000K (-50KT5) OR 4100K (-41KT5)**Mounting:** Surface Standard - Pendant Optional**U.L Approval:** [U.S Certificate](#) [Canada Certificate](#)

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

U.L. Ratings

Class 1 Division 1, Groups C and D

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

UL 595 Outdoor Marine Type (Saltwater)

UL 844, 924

UL 1598 Marine Type

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

UL Certified Canadian Standards

UL listed for Paint Spray Booths*

California Title 24 Compliant

Special Orders- Requirements

Contact us for special requirements

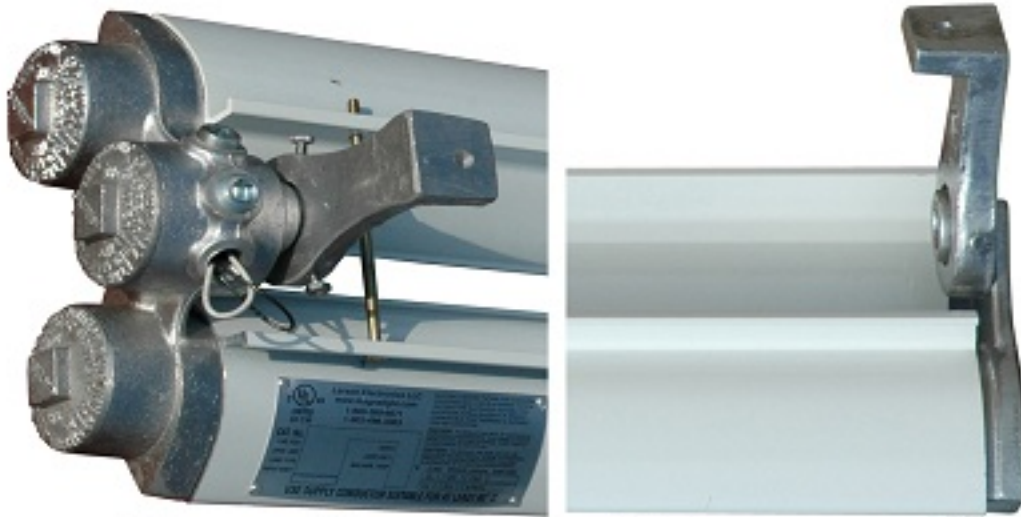
Phone: 1-214-616-6180**Toll Free:** 1-800-369-6671**Fax:** 1-903-498-3364**E-mail:** sales@magnalight.com

Scroll Down to Purchase- Please note: 4 day lead time on this light.

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



Pendant Mount



Surface Mount