

EPL-EMG-24-2L

Explosion Proof Emergency Lights & Fluorescent light Combination - 2 foot - 2 lamps

Product ID: 46990

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-EMG-24-2L Explosion Proof

NRTL Listed for United States & Canada

Dimensions: W-11.25" L-29 " H-8.5 "

Weight: 65 Lbs

Total Watts: N/A*

Voltage: Multi- 120V-60hz 220V-50hz 240V-60hz 277V-60hz

Total Lumens: F17-T8 Bulbs 2650

Lamp Life Expectancy: F17-T8 Bulbs 24,000 Hours

Efficiency: N/A

Operating Temp Range: T6 Rated -30 C to 70 C

Beam Angle: N/A

Color Temp: 4100K-

Mounting: Bracket Standard - Pendant Optional

Wiring Hub: 1/2 inch threaded

Ratings

Class 1 Division 1, Groups C and D

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

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

NRTL Certified to UL 844, 924

NRTL Certified to UL 1598 Marine Type

NRTL Certified to UL 595 Outdoor Marine Type (Saltwater)

Listed for Paint Spray Booths*

Switch Leg for Powering Light On/Off

Special Orders - Special 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

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

Made in the USA

The Larson Electronics EPL-EMG-24-2L Explosion Proof Paint Booth Fluorescent Emergency Light Fixture is NRTL Listed for United States and

Canada Class 1 Division 1, Class 2 Division 1 and ideal for hazardous locations where flammable chemical/petrochemical vapors exist or have the potential to exist. The standard model includes an emergency ballast and T8 lamps.

[Click here to see the LED version of this light](#)

The EPL-EMG-24-2L is a 4 foot long, 2 lamp, Class 1 Division 1 and Class 2 Division 1 and 2 explosion proof fluorescent light which is equipped with an added battery backup providing 90 minutes of emergency runtime. This fixture comes standard with two T-8 fluorescent lamps which produce a combined 2,700 lumens of light. 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 provides operators in hazardous locations with a reliable and durable lighting solution that provides explosion proof protection along with the security of an emergency battery backup.



[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)

This fluorescent light works, mounts and is wired like our EPL-24-2L explosion proof fluorescent light fixtures. The main difference is that we attach an extra Bodine ballast box to the unit that adds emergency light functionality to the fixture. This explosion proof emergency light will run the standard 90 minutes after power is lost. The light recharges the battery once electrical power is restored. Standard configuration includes a single emergency ballast that will run a single lamp at 1350 lumens for 90 minutes. For an additional charge, a second ballast can be added to run a second lamp for 2700 total lumens output for 90 minutes. The battery backup unit includes a switched leg for turning the light fixture on/off without kicking the unit into emergency mode.

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).

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.

Made in USA Quality

1. Each unit dielectrically 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.

Lamp Options

**F17-T8 – 1325 lumens per bulb (2650 lumens total),
24,000 hours life, 4100 Kelvin color**

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. 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.



Frequently Asked Questions (FAQ)

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Product ID: 46990

Warranty: 60 Months

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [MSDS \(Material Safety Data Sheet\)](#)
- [Operations Manual](#)
- [SpecSheetArabic](#)
- [SpecSheetFarsi](#)
- [SpecSheetFrench](#)
- [SpecSheetSpanish](#)
- [Video1](#)
- [Video2](#)
- [Video3](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)