

Class I, Div. I Compact Fluorescent Light - Vapor and Explosion Proof - 120/240VAC - 42 Watts

Part #: EPL-LB-CFL-42W



Made in the USA

The EPL-LB-CFL-42W Explosion Proof Light from Larson Electronics is UL rated Class 1 Division 1, Groups C, D, and paint spray both approved. Water proof and IP67 rated , this explosion proof fluorescent light is available in pendant, ceiling, stanchion, or wall mount options.

The powerful and durable EPL-LB-CFL-42W explosion proof light from Larson Electronics is approved for use in paint spray booths and is ideal for industrial applications, hazardous work spaces, and areas where gases, vapors and dusts may be present and an effective and durable hazardous location light solution is needed. The lamp housing is waterproof, constructed of heavy cast aluminum, and UL tested to withstand 1490 lbs. per square inch of hydrostatic pressure. Factory sealed and finished in a durable polyester powder coating, this lamp can be ordered with a choice of wall, ceiling, stanchion, and pendant mounting options and operates on a choice of 120VAC @60hz or 240 VAC.

This hazardous area light carries a T3C temperature rating and is U.L. approved Class 1, Groups C and D, Class 2, Groups E and F(T3 rating), and Class III, Groups E, F and G. This light is IP67 rated waterproof and suitable for use in paint spray booths and areas where flammable gases, vapors and chemicals may be encountered as well as approved for exposure to combustible dusts. The cast aluminum housing is fully factory sealed and includes an integrated inspection hole for easy access to the splice compartment. Wiring is through a 1/2" or 3/4" hub. Please specify hub size when ordering.

The 42 watt compact fluorescent lamp in this unit offers good power and economy and is energized by leads which pass through sealing compound that separates the lamp chamber from the wiring compartment. The lamp assembly is protected by an impact and heat resistant clear prismatic globe with heavy gauge aluminum reflector that affords excellent light control.

We offer four different mounting options with this explosion proof light.

Pendant Mount: Available with either a single 3/4" or 1/2" wiring hub, the pendant mount option allows operators to suspend the fixture from the ceiling or other suitable mounting location. The pendant mount option allows the operator to choose the distance of the fixture from the mounting surface by altering the length of the connecting conduit accordingly to achieve the desired position.

Wall Mount: Available with either 4- 3/4" or 4- 1/2" wiring hubs, the wall mount option allows operators to attach the fixture to flat surfaces such as walls, bulkheads, entryways etc. This option provides optimal placement for identifying specific locations such as exitways, entryways, high caution areas etc.

Ceiling Mount: Available with either 4- 3/4" or 4- 1/2" wiring hubs, the ceiling mount option provides the most rigid and secure placement of the fixture when mounted to ceiling locations. This mounting option provides a fixed position and has no provision for altering the distance of the lamp from the ceiling.

Stanchion Mount: Available with either a single 3/4" or 1/2" wiring hub, the stanchion mount option allows operators to mount this unit in locations where vertical or horizontal wall or ceiling mounting is unavailable or undesirable. Additionally, the stanchion mount can be used to produce custom mounting angles or to mount the unit in unusual locations to achieve the best performance from the unit.

Number of Hubs and Sizes: The wiring hubs on these units are threaded for connection to rigid conduit and threaded connectors. Pendant and Stanchion mount configurations contain a single wiring hub and can be ordered with either a 3/4" or 1/2" hub. Ceiling and Wall Mount configurations are available with 3/4" or 1/2" hubs and contain 4 threaded wiring hubs to allow feed through and series connections as well as connection to vertical or horizontally placed conduit.

Voltages: 120VAC draws 0.04A average.

Temp Code: Class 1 T3C 230° C - Class 2 T3 (Do not install where the operating temperature exceeds the ignition temperature of the hazardous atmosphere.)

Specifications / Additional Information

EPL-LB-CFL-42W

Lamp Type: Compact Fluorescent

Lamp Dimensions: 7.25"-Wide, 15" Height

Lamp Weight: 9 lbs

Hub: 3/4" Threaded

Lumens: N/A

Voltage: 120 Volts 60hz AC,

Lighting Configuration: Steady Burn

Mounting: Wall, Ceiling, Pendant, Stanchion

Temp Rating: T3C

Watts: 42 Watts

Wiring: 3/4 inch Hub

U.L. Ratings

Class 1, Groups C and D

Class II, Groups E and F (T3 Temp Rating)

Class III, Groups E, F and G

IP67 (water proof)

Suitable for Paint Spray Booths

T3C Temperature Rating

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

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[Part #: EPL-LB-CFL-42W \(48761\)](#)

Options:

EPL-LB-CFL-42W- MOUNT

Example: EPL-LB-CFL-42W-WALL

MOUNT	
Wall	-WALL
Ceiling	-CM
Pendant	-PND
Stanchion	-STNCH







Links (Click on the below items to view):

- [Dimensional Drawing](#)
- [Manual](#)
- [Hi-Res Image 1 -](#)
- [Hi-Res Image 2 -](#)
- [Hi-Res Image 3 -](#)
- [Hi-Res Image 4 -](#)