

## 150 Watt Class 1 Division 1 Incandescent Light - Vapor Proof and Explosion Proof - 120/240 Volts

### EPL-CM-150W-HV

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



#### EPL-CM-300W-HV

**Lamp Type:** Incandescent

**Lamp Dimensions:** 7.25"-Wide, 15" Height

**Lamp Weight:** 9 lbs

**Hub:** 3/4" Threaded

**Watts:** 150

**Voltage:** 120 Volts 60hz AC or 240 VAC

**Lighting Configuration:** Steady Burn

**Mounting:** 3/4" Hub

**Temp Rating:** T3C

**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](mailto:sales@larsonelectronics.com)

### **Made in Texas**

**The EPL-CM-150W-HV 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 incandescent light is available in pendant, ceiling, or wall mount options.**

The effective and durable EPL-CM-150W-HV 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. This lamp is equipped with 150 watt incandescent lamp to provide a variety of brightness and power options. 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 mounting options and can be configured to operate with 120VAC @60hz or 240 VAC. This hazardous area light carries a T3C temperature rating and is UL Listed Class

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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. **NOTE;**To retain paint booth approval requires that only lamps of 150 watts or lower be used with this unit. 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 3/4" hub.

The incandescent lamps used in this unit offer good power and economy and are 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.

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

**Pendant Mount:** Available with a single 3/4" 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 4- 3/4" 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 4- 3/4" 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 a single 3/4" 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 a 3/4" hub. **Ceiling and Wall Mount configurations are available with 3/4" hubs and contain 4 threaded wiring hubs to allow feed through and series connections as well as connection to vertical or horizontally placed conduit.**

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**Voltages:** 120-240VAC, -120VAC draws 1.25A

**Temp Code:** Class 1 T3C 230° C - Class2 T3 (Do not install where the operating temperature exceeds the ignition temperature of the hazardous atmosphere.)

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## Frequently Asked Questions (FAQ)









**Options:**

**EPL-CM-150W-HV-Mount-Voltage**

**Example: EPL-CM-150W-HV-WALM-120V**

Mount	
WALL	-WALM
CEILING	-CLGM
PENDANT	-PNDM
STANCHION	-STNM

Voltage	
120V AC	-120V
240V AC	-240V
125V DC	-125VDC



Links (Click on the below items to view):

- [Canadian CEC Certificate \(Commonly referred to as CSA Certificate\)](#)
- [CE Certificate](#)
- [Certificate 1, Misc](#)
- [Dimensional Drawing 2D](#)
- [Operations Manual](#)
- [STEP File \(3D CAD Model\)](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)