

EPL-CM-300W-HV

300W Explosion Proof Incandescent Light - Class I/II, Div 1 & 2 - Corrosion Resistant - Medium Base

Product ID: 47109

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-CM-300W-HV Explosion Proof Incandescent Lamp

Lamp Type: Incandescent (Medium Base)

Lamp Dimensions: 15" x 7.25"

Lamp Weight: 9 lbs

Voltage: 120V AC or 240V AC

Watts: 300W

Lumens: 2,100

Lamp Life Expectancy: 1,200+ Hours

Lighting Configuration: Steady Burn

Temperature Rating: T3C

Housing Material: Copper-free, Die-cast Aluminum

Finish: Baked Powder Epoxy Finish

Hardware Material: 316 Stainless Steel

Mount: Pendant, Wall, Ceiling or Stanchion

Wiring: 3/4" Threaded Hub

Ratings/Approvals

Class I, Div. 1 & 2, Groups C,D

Class I, Zones 1 & 2, Groups IIB, IIA

Class II, Div. 1 & 2, Groups F,G

Class III, Div. 1 & 2

NEMA 3, 4, 4X

Suitable for Wet Locations

Corrosion Resistant

Factory Sealed

Special Orders - Special Requirements

Contact us for special requirements

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The EPL-CM-300W-HV Explosion Proof Light from Larson Electronics is a powerful incandescent lamp with versatile mounting options. This 300-watt unit features compact, medium-base compatibility and emits 2,100 lumens of white light. For durability in rough work environments, the

luminary is corrosion resistant, waterproof and suitable for use in wet locations.

The EPL-CM-300W-HV is a reliable, sturdy incandescent light source for hazardous locations. This 300-watt explosion proof lamp emits 2,100 lumens of white light in a steady burn configuration. Featuring a medium-base design, the lamp is compact for installations in tight spaces. The unit's housing is waterproof, constructed of die cast aluminum, and UL tested to withstand 1490 lbs per square inch of hydrostatic pressure.

This explosion proof luminary is protected by an impact and heat resistant clear prismatic globe with a heavy gauge aluminum reflector for excellent light control. Finished in baked powder epoxy, this lamp can be ordered with a choice of mounting options and configured to operate with 120V AC or 240V AC.

Note: *To retain paint booth approval, lamps above 150 watts may not be used.*

The hazardous area light carries a T3C temperature rating and is UL Listed for Class I, Div. 1 & 2, Groups C and D; Class I, Zones 1 & 2, Groups IIB, and IIA; Class II, Div. 1 & 2, Groups F and G; and Class III, Div. 1 & 2. The unit is factory sealed and does not require external wiring. During installation, wiring is completed through a 3/4" threaded hub.

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.

Applications: Oil refineries, petrochemical plants, paint spray booths, offshore rigs, marinas, docks, warehouses, garages, commercial buildings, emergency lighting systems, mounted lighting, ammunition facilities, tank farms, pipeline pumping stations, marine loading, fuel transfer terminals and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)







EPL-CM-300W-HV

Product ID: 47109

Export Control Classification Number (ECCN): EAR99

Options:

EPL-CM-300W-HV-Mount-Voltage

Example: EPL-CM-300W-HV-WALM-120

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

Voltage	
120V	-120
240V	-240

Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [Operations Manual](#)
- [STEP File \(3D CAD Model\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)