

EPLC2-175MH

Class 2 Division 1 Light - 175W Metal Halide Light

Product ID: 46727

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.

EPLC2-175MH MH Explosion Proof Metal Halide

Lamp Type: Metal Halide (Bulb NOT Included)

Lamp Dimensions: 21.5" x 14.04" x 13.36"

Ballast: Pulse Start / Multi-Tap

Watts: 175

Lumens Per Watt: 90

Voltage: Multi-Tap -120, 208, 240 and 277 Volts

Lighting Configuration: Flood Pattern

Mounting: 3/4" Ceiling, Wall or Pendant mount

U.L. Listing: Class1 DIV 2 Groups A,BC,D

Total Lumens: 15,750

Wiring: 3/4 inch Conduit

Temp Rating: T2A

U.L Ratings

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

Class 1 Zone 2 -Groups IIA, IIB, IIC

Class 2, Division 1 & 2, Groups E,F,G

NEMA 4x, IP66, NEMA 9

UL 1598 Marine

UL 844

Suitable for Wet Locations

Bulb NOT Included

Special Orders - Special Requirements

Contact us for special requirements

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E-mail: sales@larsonelectronics.com

Made in the USA

The EPLC2-175MH metal halide, hazardous area light fixture from Larson Electronics produces 15,750 lumens of light capable of illuminating an area approximately 7,500 square feet in size. Weather proof and U.L. listed for marine use, this metal halide fixture is available in pendant, ceiling or wall mount versions and is an ideal choice for industrial applications and use in enclosed spaces.

The durable EPLC2-175MH metal halide fixture from Larson Electronics is approved for use in wet marine locations and is ideal for industrial applications, confined spaces, hazardous work areas and Class 1 DIV 2 areas where a powerful

and durable floodlighting solution is needed. The lamp housing is weatherproof and constructed of non-sparking aluminum featuring a heavy duty, mogul base lamp socket, tempered and heat resistant glass dome and cast aluminum dome guard. This lamp carries a long lamp life rating of 60,000 hours and a fast hot restrike capability, reducing downtime and replacement costs. This unit is available in pendant, ceiling and wall mount versions and includes stainless steel exterior hardware for added resistance to the salt water conditions found in marine environments.

This hazardous area light is U.L. rated Class 1 Division 2, Groups A, B, C and D and UL1598 listed for outdoor marine use. The integral multi-tap ballast is protected within the weatherproof housing and can be operated on 120, 208, 240 and 277 Volts. This lamp is suitable for use in confined spaces and areas where wet marine conditions exist. The multi-purpose floodlight design of this fixture makes it a popular choice for industrial and marine applications regardless of whether the locations are designated hazardous or not. The non sparking aluminum fixture body is electrocoated for durability and corrosion resistance while a tempered glass globe protected by an aluminum globe guard provides lamp security against impacts and the elements.

Wiring: This light is highly durable and produces high 15,750 lumen light output in a wide flood pattern. Wiring is through a convenient ¾ inch NPT conduit entrance. Three-conductor No. 14 cable (with 90° C minimum insulation) is recommended for making electrical connections. Wiring is accomplished through the wiring enclosure provided on the fixture. The box is provided with a size 3/4-in. NPT threaded conduit opening. Wiring methods must comply with NFPA 70 (The National Electrical Code).

Please Note: This fixture does not include bulb. Please see related items for replacement lamp.

Suggested applications: ship yards, boat yards, plants, tanks, vessels, fuel cells, barges and oil field applications.

Made in the USA Quality

1. High Efficiency Metal Halide lamp.
2. 90 Lumens per Watt.
3. Rugged Die Cast Aluminum Lamp Housing.
4. Shock Resistant Tempered Glass.
5. Heavy Duty Gasket.
6. Socket: Mogul Base.
7. Low Maintenance.
8. Corrosion Resistant Materials.
9. Stainless Hardware.
10. UL Listed for Marine Environments.

Metal Halide Benefits

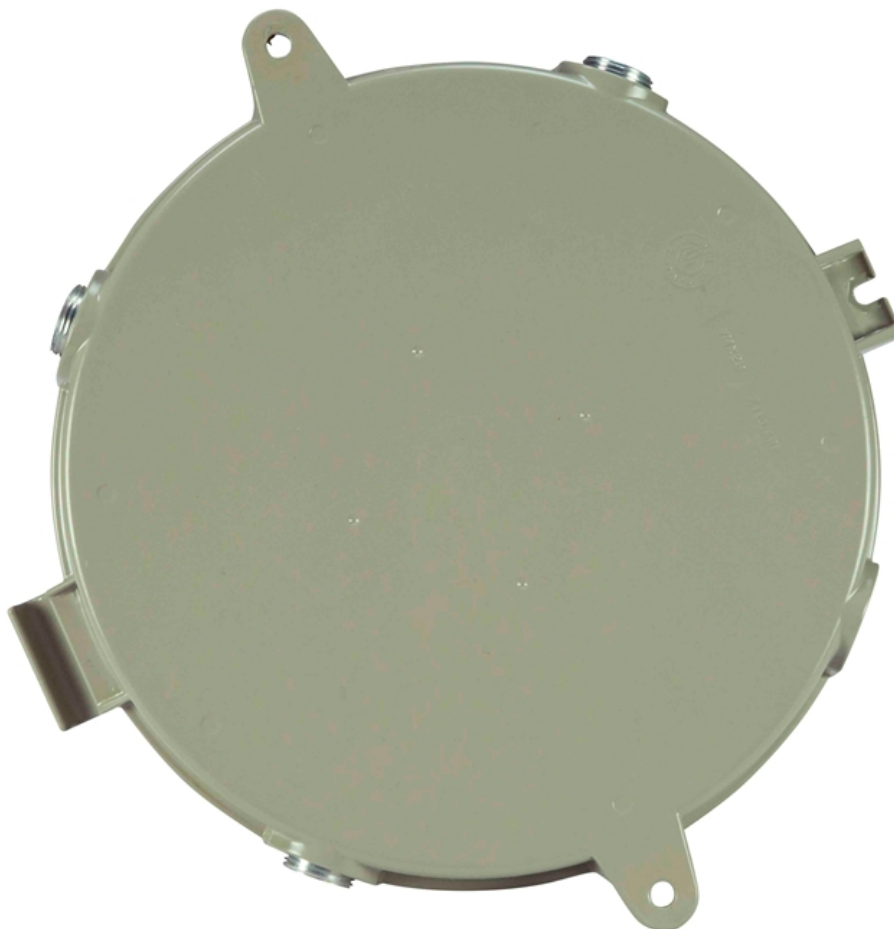
1. Long lamp life.
2. High efficiency and low amp draw after initial startup.
3. High durability and reliability.
4. High output and very good color rendering.
5. Vibration and shock resistant.
6. Low maintenance.

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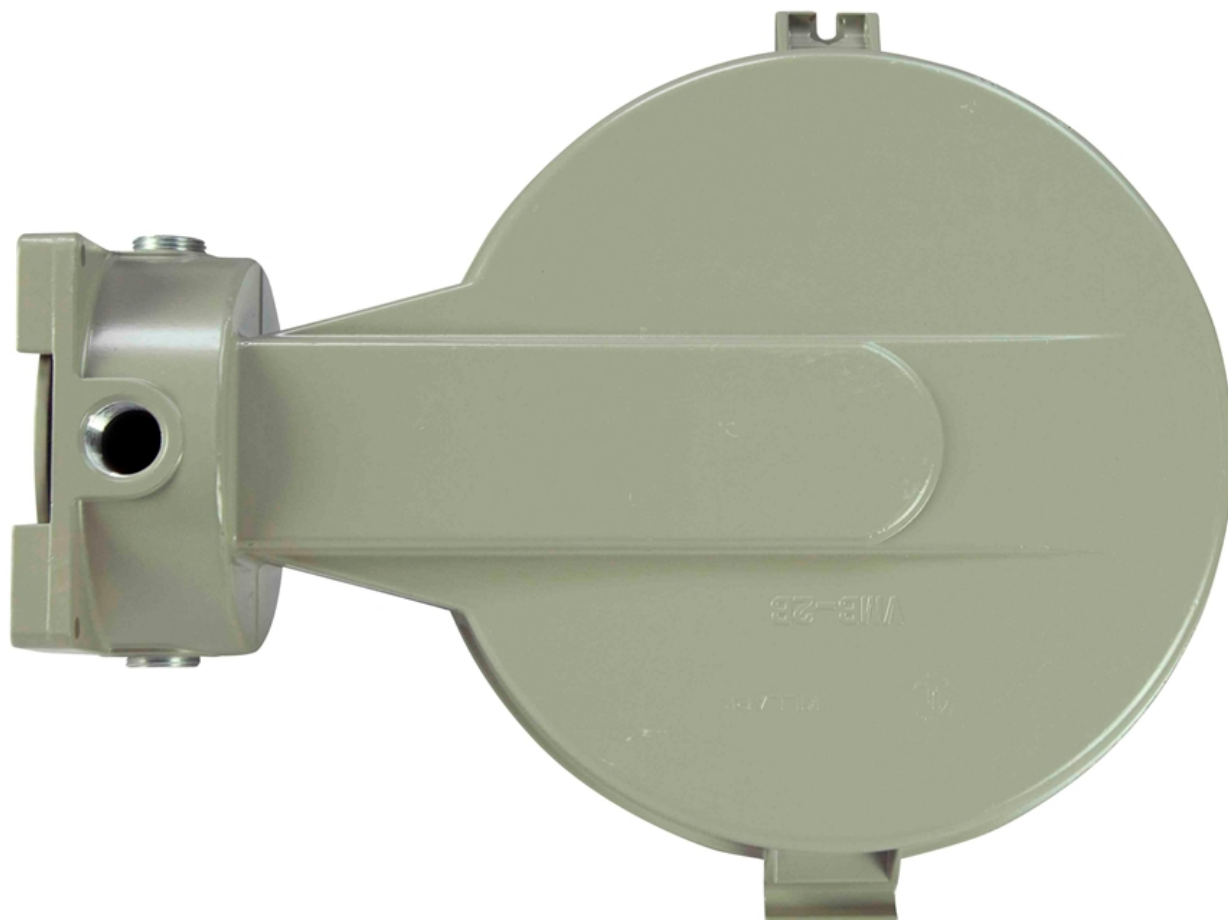


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Frequently Asked Questions (FAQ)









EPLC2-175MH

Product ID: 46727

Export Control Classification Number (ECCN): EAR99

Options:

EPLC2-175MH-Mounting

Example: EPLC2-175MH-CLNG

Mounting	
CEILING	-CLNG
PENDANT	-PND
WALL	-WLL
STANCHION 25DEG	-STNCH25

Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [Operations Manual](#)
- [STEP File \(3D CAD Model\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [HigResPic9](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)