

**Hazardous Location Lighting - 400 Watt Metal Halide - Class 1, Division 2 - Permanent Mount**

Part #: HAL-PRM-400W-MH

**Made in the USA**

The efficient HAL-PRM-400W-MH metal halide hazardous area light fixture from Larson Electronics produces 36,000 lumens of light capable of illuminating an area 18,000 square feet in size. Weather proof and U.L. listed for marine use, this metal halide fixture is a versatile and ideal exterior lighting solution for both hazardous and non hazardous locations.

The versatile, multi-use HAL-PRM-400W-MH metal halide fixture from Larson Electronics is weatherproof and suitable for use in outdoor marine applications, making it an ideal lighting solution for industrial applications, boat docks, building exteriors and outdoor work areas. The lamp housing is weatherproof and constructed of die cast aluminum featuring a hinged, removable front-access door with two captive closure screws for easy servicing. The optical assembly includes a precision-formed aluminum reflector and heat/impact-resistant tempered flat door glass.

The aluminum reflector has a chemically bonded, lightweight, non-breakable ALGLAS® finish on both the inside and outside surfaces providing corrosion resistance, durability and ease of cleaning. The optical assembly contains a mogul base socket capable of handling the higher pulse ratings of newer HID systems. Bulb is not included with with this fixture.

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This hazardous area light is U.L. rated Class 1 Division 2, Groups A,B,C,D and UL1598 listed for Outdoor Salt Water Marine use with an IP65 construction. The integral pulse start ballast is protected within the weatherproof housing and operates on 120VAC. This lamp is suitable for use in areas where flammable petrochemical vapors are sometimes present. The multi-purpose design of this fixture makes it a popular choice for industrial applications regardless of whether the locations are designated hazardous or not.

This light is highly durable, produces high light output in a wide flood pattern and operates effectively at temperatures to -20 degrees F. Mounting is via an adjustable coated steel trunnion bracket that allows the fixture to be attached to walls or ceilings and provides secure adjustment and positioning. All hardware on this unit is corrosion resistant and the die-cast aluminum exterior has an electro-coat dark bronze paint finish. Wiring is through a convenient wiring box located on the bottom of the heavy duty housing which has a threaded 3/4 inch conduit entrance.

## Click Here for Installation Instructions

**INSTALLATION INSTRUCTIONS** This floodlight is provided with a trunnion bracket which can be mounted directly on flat surfaces or building fronts. The trunnion bracket has a clearance hole for a 3/4-inch bolt used for attachment for such mountings. The 1/2-inch holes on either side permit additional anchoring, where required. Tighten side trunnion bolts to 18 - 22 foot pounds.

**AIMING:** Slightly loosen bolts "A" (two on trunnion) and tilt luminaire to desired position and retighten bolts.

**LAMPS:** Use only lamps specified on nameplate. Bulb not included with fixture. Observe lamp manufacturer's recommendations and restrictions on lamp operation, particularly ballast type, burning position, etc.

**Lamp Tightness:** Mogul Base Lamp: The lamp should be securely inserted to the NEMA-EEI specified torque of 35 inch-pounds which is best achieved by very firmly tightening to insure application of sufficient torque. Tightening must be sufficient to fully depress and load the center contact of the socket.

**WIRING:** Make all electrical connections in accordance with the National Electrical Code and any applicable local code requirements. Verify that supply voltage is correct by comparing it to nameplate. Three-conductor No. 14 cable (with 90° C minimum insulation) is recommended for making electrical connections to the P-154. Wiring is accomplished through the wiring box 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), Article 501 for Class I, Division 2 Hazardous (Classified) Locations. To get inside the unit, open the door, loosen the (2) screws holding the reflector and remove the reflector. Verify the correct supply voltage and lamp wattage.

### **Made in the USA Quality**

1. High Efficiency Metal Halide lamp.
2. 90 Lumens per Watt
3. Rugged Die Cast Aluminum Housing.
4. Hinged Lens Door - Tempered Glass.
5. Heavy Duty Door Gasket.
6. Socket: Mogul Base Handles Higher Pulse Ratings of Newer HID Systems.
7. Low Maintenance.
8. Adjustable Trunnion Bracket Mount- Corrosion Resistant.
9. Electro-Coat Dark Bronze Paint Finish
10. Effective at temperatures to -20 Degrees F.

### **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..

**Specifications / Additional Information**

**HAL-PRM-400W-MH Metal Halide**

**Lamp Type:** Metal Halide

**Dimensions:** 14 "-Depth, 11"-H, 15 "W

**Watts:** 400

**Lumens Per Watt:** 90

**Voltage:** 120-277/60, 480, 220/50

**Lighting Configuration:** Flood Pattern

**Mounting:** Adjustable Trunnion Bracket

**Weight:** 35lbs

**U.L. Listing:** Outdoor Marine Approved

**Total Lumens:** 36,000

**Wiring:** 3/4 inch Threaded Conduit Entrance

**[Click Here to View Dimensional Schematic](#)**

**U.L Ratings**

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

UL1598 Outdoor Marine Use

UL1598 Outdoor Marine Use

T1 Temperature Rating

**Special Orders- Requirements**

Contact us for special requirements

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