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GAU-PRM-250W-MH

250W Metal Halide Light Fixture - Permanent Mount - Approved for Marine Environments - Outdoor Rated

Product ID: 153200

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



Image: GAU-PRM-250W-MH

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.

GAU-PRM-250W-MH Metal Halide Area Light

Lamp Type: Metal Halide
Dimensions: 47 " W X 11" D X 25 1/4" H w/Trunnion Mount
Watts: 250
Lumens Per Watt: 90
Voltage: 120V, 208V, 240V, or 277V / 220-480 OPT
Lighting Configuration: Flood Pattern
Mounting: Slip Fit Pole Mount or Zinc Trunnion
Weight: 45 lbs
U.L. Listing: Outdoor Marine Approved
Total Lumens: 22,500
Lamp: Included
Wiring: 3/4 inch Threaded NPT Conduit Entrance

Ratings/Approvals

UL 1598A Rated
Approved For Use In Marine Environments
Outdoor Rated

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
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E-mail: sales@larsonelectronics.com

Made in the USA

The GAU-PRM-250W-MH from Larson Electronics is a 250W Outdoor Rated Metal Halide Area Light that offers extreme durability and exceptional illumination. Constructed of die cast aluminum and U.L. listed for marine use, this metal halide fixture is a versatile

and ideal lighting solution for areas where wet or corrosive environments are encountered.

The rugged GAU-PRM-250W-MH metal halide light fixture is weatherproof and suitable for use in wet, outdoor and marine environments, 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 pressure cast copper free aluminum with an architectural bronze Polyester finish. The lens door is pressure-cast copper-free aluminum, and secured with 1/4" diameter captive stainless steel slotted hex-head bolts. This unit features an integral multi- tap ballast with a choice of of 120V, 208V, 240V, or 277V connections. Also available are optional in separate 220V and 480V configurations.

The optical assembly includes thermal shock and impact resistant door glass with a pressure-cast copper-free aluminum door frame and heavy duty, high temperature silicone rubber seal. The lamp socket is a specification grade mogul base porcelain unit with heavy gauge brass, a nickel-plated, double lamp-grip screw shell and spring-loaded center contact. The reflectors are a double segment compound parabolic design with Alzak® finish for maximum efficiency.

Mounting choices include:

(1) Yoke mount: zinc plated steel yoke with architectural bronze Polyester finish.
(2) Pole top mount: built-in slip-fitter for internal wiring. Adjustable laterally and vertically. Slip fits 2” or 2 1/2” pipe. Architectural bronze Polyester finish.

This metal halide area light is U.L. listed 1598A for outdoor salt water marine environments.

This 250 watt metal halide light is highly durable, produces 50,000 lumens in a wide flood pattern, and has a maximum operating temperature of 325°C (T1 NEC Identification Number). All hardware on this unit is resistant to rain, snow, salt water and corrosive chemicals. The heavy duty design and attractive finish of this fixture makes it a popular choice for outdoor applications regardless of whether the locations are designated hazardous or not.

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.

Click Here for Notes on Wiring this Light

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. 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. 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. Bulb not included.

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.

Made in the USA Quality

1. High Efficiency MH lamp.
2. Approximately 90 Lumens per Watt
3. Rugged Pressure Cast Aluminum Housing.
4. Thermal Shock and Impact Resistant Glass Lens Door.
5. Heavy Duty Door Gasket.
6. Socket: Mogul Base heavy gauge brass, nickel-plated double lamp-grip screw shell.
7. Low Maintenance.
8. Slip Fit Pole Mount or Zinc Plated Yoke Mount.
9. Heavy Duty High Heat Silicone Door Glass Seal.
10. Architectural Bronze Polyester Finish.

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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Frequently Asked Questions (FAQ)

There are no Faqs

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