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HAL-PRM-250W-HPS-220V-PT

220/230/240V Watt High Pressure Sodium - Hazardous Location Lighting - C1D2 - Pole Mount

Product ID: 152683

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.

HAL-PRM-250W-HPS-220V-PT HPS Hazardous Area Light

Lamp Type: High Pressure Sodium
Dimensions: 14 "-Depth, 11"-H, 15 "W
Watts: 250
Lumens Per Watt: 116
Voltage: Multitap - 220V, 230V, 240V 50 Hz

Lighting Configuration: Flood Pattern

Mounting: Slip Fit Yoke Mount w/ Adjustable Bracket

Mount OD: 2", 2-1/4", 2-1/2", 2-3/4", 3", 4"

Weight: 35lbs
U.L. Listing: Outdoor Marine Approved

Total Lumens: 29,000

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
IP65 Construction
T1 Temperature Rating
Bulb NOT Included

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The efficient HAL-PRM-250W-HPS-220V-PT high pressure sodium hazardous area pole mounted light fixture from Larson Electronics produces 29,000 lumens of light capable of illuminating an area 14,500 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-250W-HPS-220V-PT high pressure sodium 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.
This hazardous area pole mounted light is U.L. rated Class 1 Division 1 and 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 220V, 230V, 240V 50 Hz. 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 ¾ inch conduit entrance.
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.
Mounting: The HAL-PRM-250W-HPS-220V-PT high pressure sodium hazardous area light fixturefeatures an adjustable swivel bracket constructed of 3/8" aluminum that allows over 270° of adjustment and is attached to a slip fit yoke for easy installation. The slip fit yoke is built to customer`s specs, enabling operators to mount this explosion proof HPS light to their specific pole size. For example, selecting a 2" OD mount means that the yoke mount will fit onto pipes or bull horns with a 2" OD.

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

1. High Efficiency HPS lamp.
2. 116 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.

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)

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HAL-PRM-250W-HPS-220V-PT

Product ID: 152683

Export Control Classification Number (ECCN): EAR99

Options:

HAL-PRM-250W-HPS-220V-PT-Mount

Example: HAL-PRM-250W-HPS-220V-PT-2in

Mount	
2	-2in
2 1/4	-2.25in
2 1/2	-2.5in
2 3/4	-2.75in
3	-3in

Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**