

HALPRM-12V

Class 1 Zone 2 12 Volt Floodlight - Trunnion Mount - 10 Watt LED Bulb

Product ID: 45288

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.

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Lamp Type: LED

Dimensions: 16" W X 7.5" D X 17" H w/Yoke Mount

Watts: 10

Lumens Per Watt: N/A

Voltage: 12V DC

Lighting Configuration: Flood Pattern

Mounting: Zinc Trunnion

Weight: 25 lbs

U.L. Listing: Wet Area Approved

Total Lumens: N/A

Wiring: 3/4 inch Threaded NPT Conduit Entrance

Ingress Protection Rating: IP66

[Click here to view the Explosion Proof Light Design Description](#)

[Click here to view the Explosion Proof Light Temperature Rating Table](#)

U.L Ratings

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

UL Standard 1598 (supersedes UL Standard 57)

UL Standard 844

Class I Div. 2 UL Standard 1598A

Max OP Temp 325°C (T1 NEC ID Number)

UL 2279 - Class I, Zone 2 AEx nR IIC

Not Approved For Confined Spaces

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The low voltage Larson Electronics HALPRM-12V hazardous area light provides excellent illumination for applications where a lower power lighting solution is required. Constructed of die cast aluminum and U.L. listed for wet areas, this 12 Volt DC fixture is a versatile and ideal hazardous area lighting solution for areas where wet or damp environments may be encountered.

The durable HALPRM-12V low voltage light fixture is suitable for use in wet

outdoor environments, making it an ideal lighting solution for industrial applications, boat docks, building exteriors and outdoor work areas. The lamp housing is weather resistant 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 12 volt DC operation and a 10 watt 50,000 hour LED bulb for a bright white light output.

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.

This unit includes a zinc plated steel trunnion mount with architectural bronze Polyester finish for adjustability and resistance to damage from the elements.

This hazardous area light is rated U.L. standard 844 and 1598 compliant, approved Class 1 Division 2, Groups A,B,C,D, and functionable in an environment of up to 180 degrees celcius. This hazardous area light is designed to operate on 12 volt DC current, making it suitable for use in areas where low voltage is either preferred or required. This lamp is suitable for use in areas were flammable gases and vapors are present occasionally and in low densities and IS NOT suitable for use in confined spaces.

This 10 watt LED flood light is highly durable, can operate in ambient temperatures to 180 degrees C, and will not produce temperatures greater than 325 degrees C. 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. Bulb is not included with this fixture.

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. 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. Bulb not included.

Made in the USA Quality

1. Low Voltage 12V DC.
2. Affordable Incandescent Bulb
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. Zinc Plated Yoke Mount.
9. Heavy Duty High Heat Silicone Door Glass Seal.
10. Architectural Bronze Polyester Finish.

Frequently Asked Questions (FAQ)



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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [Video1](#)
- [Video4](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)