

1000 Watt Metal Halide Light - Pulse Start Ballast

Class 1 Division 2 Groups A-D - T3b Temperature - 110,000 lumens

Instruction Manual

WARNING

To avoid the risk of fire, explosion or electric shock, this product should be installed, inspected and maintained by a qualified electrician only, in accordance with all applicable electrical codes.

To avoid electric shock:

- Be certain electrical power is OFF before and during installation and maintenance.
- Luminaire must be connected to a wiring system with an equipment-grounding conductor.
- Make sure the supply voltage is within the luminaires' voltage rating.

This luminaire is designed for outdoor lighting service, and should not be used in areas of limited ventilation, or in high ambient temperature enclosures. Best results if installed and maintained according to the following recommendations.

INSTALLATION

CAUTION: Unit will fall if not installed properly. Follow installation instructions.

The 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 ¾ inch bolt used for attachment for such mountings. The ½ inch holes on either side permit additional anchoring, where required. Tighten side trunnion bolts to 18-22 foot pounds.

AIMING

Slightly loosen bolts (two on side of trunnion), 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.

WIRING

Make all electrical connections in accordance with the National Electrical Code and any applicable local code requirements.

Verify that the supply voltage is correct by comparing it to the nameplate. Follow specific instruction on page 2.

Three conductor No. 14 cable (with 90°C minimum insulation) is recommended for making electrical connections to the HALPRM-PS-1000WMH.

Wiring is accomplished through the wiring box provided on the fixture. The box is provided with a size ¾ inch NPT threaded conduit opening. Wiring methods must comply with NFPA 70 (The National Electrical Code) Article 501 for Class 1, 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 on fixture nameplate.

IF SINGLE VOLTAGE

All single voltage ballasts are pre-wired such that user need only connect the supply connectors.

MULTIVOLT (120/208/240/277V)

Connect the ballast lead with the insulated terminal to the desired voltage terminal as indicated on the ballast terminal nameplate.

WIRING OUTDOOR SALT WATER MARINE

Wiring is accomplished through the wiring box on the bottom of the fixture. When wiring is complete, tighten weatherproof fitting on box around cable.

MAINTENANCE

CAUTION: Risk of Burn. Disconnect power to the light and allow the unit to cool down before performing maintenance.

The ALGLAS finish on the reflector and the door glass may be cleaned with any suitable nonabrasive glass cleaning solution, soap, or detergent and rinsed with clean water.

Perform visual, mechanical and electrical inspections on a regular basis. We recommend routine checks to be made on a yearly basis. Frequency of use and environment should determine this. It is recommended to follow an Electrical Preventive Maintenance Program as described in NFPA 70B: Recommended practice for Electrical Equipment.



THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-800-369-6671 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.

USE AND CARE

Unauthorized modification may impair the function and/or safety of this device and could affect the life of the equipment. Always check for damaged or worn out parts before using the device. Store it in a secure place out of the reach of children when not in use. Inspect for good working condition prior to storage and before re-use.

REPLACEMENT PARTS

The EPP-20A-25P is designed to provide years of reliable performance. Should the need for replacement parts arise, please contact Larson Electronics.