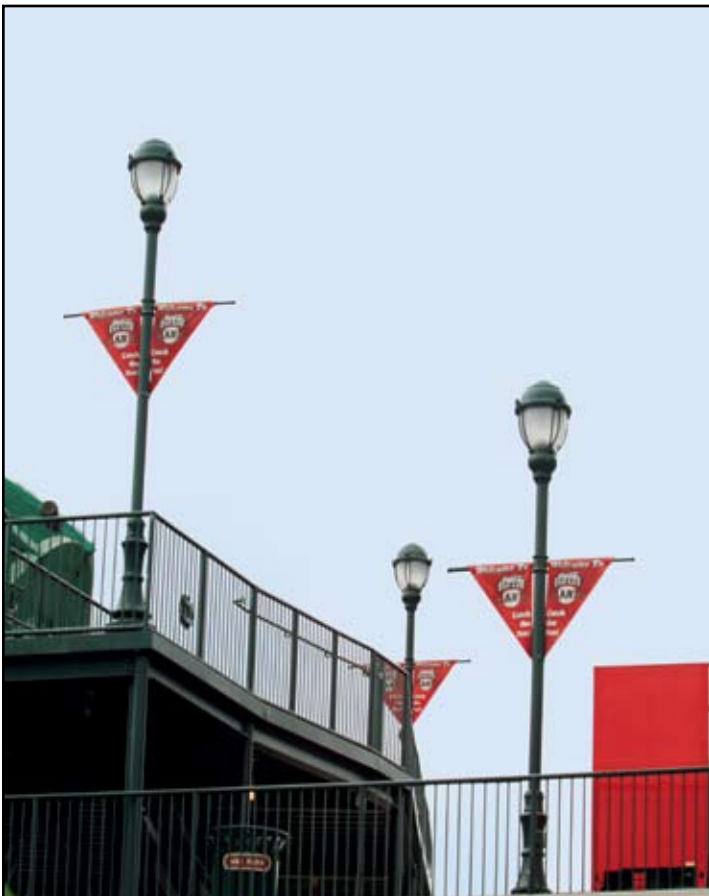


Updated: 01/2010



- IES cutoff reflector systems
- Memory retentive silicone gaskets keep the optical chamber free of dirt and contaminants
- Tool-less removal of the reflector and ballast modules
- Optical grade acrylic lense will not yellow from UV radiation from the sun and metal halide lamps
- Cast aluminum construction and stainless steel hardware for corrosion resistance
- EISA compliant
- IP54 rated
- Powder coat finish in 13 standard colors with a polymer primer sealer



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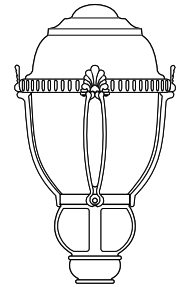
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| Fixture | Lamp/Ballast | Color | Options | Mounting |
|---------|--------------|-------|---------|----------|
| 1 | 2 | 3 | 4 | 5 |

1. FIXTURE

- PRMN V3 Vertical lamp, IES cutoff, Type 3 reflector, includes glass cylinder
- PRMN V5 Vertical lamp, IES cutoff, Type 5 reflector, includes glass cylinder
- PRMN H2 Horizontal lamp, IES full cutoff, Type 2 reflector
- PRMN H3 Horizontal lamp, IES full cutoff, Type 3 reflector
- PRMN H4 Horizontal lamp, IES full cutoff, Type 4 reflector
- PRMN H5 Horizontal lamp, IES full cutoff, Type 5 reflector
- PRMN GR3 Type 3 glass refractor
- PRMN GR5 Type 5 glass refractor
- PRMN IL55 55 watt induction lamp system, LDL lens. Specify 120, 208, 240 or 277 volt. -25°C min start temp.
- PRMN IL85 85 watt induction lamp system, LDL lens. Specify 120, 208, 240 or 277 volt. -25°C min start temp.



36"/915mm x 19"/480mm DIA
 WT: 38 lbs
 IP: 54 EPA: 2.75

2. LAMP/BALLAST

- 50MH 50 watt metal halide multitap 120/277 volt ballast. Use medium base, ED-17 lamp.
- 70MH 70 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
- 70MHT6 70 watt metal halide 120/277 volt ballast. Use G12 base, T-6 ceramic lamp.
Not available with GR3/GR5.
- 100MH 100 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
- 150PSMH Pulse start 150 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
- 150PSMHT6 Pulse start 150 watt metal halide 120/208/240/277 volt ballast. Use G12 base, T-6 ceramic lamp.
Not available with GR3/GR5.
- 250PSMH Pulse start 250 watt metal halide multitap 120/208 /240/277 volt ballast. Use mogul base, ED-28 lamp.
- 50HPS 50 watt high pressure sodium 120/277 volt ballast. Use medium base, ED-17 lamp.
- 70HPS 70 watt high pressure sodium 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
- 100HPS 100 watt high pressure sodium 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
- 150HPS 150 watt high pressure sodium 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
- 200HPS 200 watt high pressure sodium 120/208/240/277 volt ballast. Use mogul base, ED-18 lamp.
- 250HPS 250 watt high pressure sodium 120/208/240/277 volt ballast. Use mogul base, ED-18 lamp.

*All ballasts are factory wired for 277 volts, unless specified. Lamps not included.
 For horizontal reflector models with PSMH mogul base ballasts, use a lamp approved for horizontal burning.
 All applicable ballasts are EISA compliant.*

| | | | |
|---------|------|----------|-----------|
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| Fixture | Lamp/Ballast | Color | Options | Mounting |
|---------|--------------|-------|---------|----------|
| 1 | 2 | 3 | 4 | 5 |

3. COLOR

| | | | | |
|--------------------------|-------------------|------------------------------------------|--|--|
| <input type="checkbox"/> | AWT | Arctic White | | |
| <input type="checkbox"/> | BLK | Black | | |
| <input type="checkbox"/> | MTB | Matte Black | | |
| <input type="checkbox"/> | DGN | Dark Green | | |
| <input type="checkbox"/> | DBZ | Dark Bronze | | |
| <input type="checkbox"/> | WRZ | Weathered Bronze | | |
| <input type="checkbox"/> | BRM | Metallic Bronze | | |
| <input type="checkbox"/> | VBL | Verde Blue | | |
| <input type="checkbox"/> | CRT | Corten | | |
| <input type="checkbox"/> | MAL | Matte Aluminum | | |
| <input type="checkbox"/> | MDG | Medium Grey | | |
| <input type="checkbox"/> | ATG | Antique Green | | |
| <input type="checkbox"/> | LGY | Light Grey | | |
| <input type="checkbox"/> | RAL/PREMIUM COLOR | Provide a RAL 4 digit color number | | |
| <input type="checkbox"/> | CUSTOM COLOR | Please provide a color chip for matching | | |

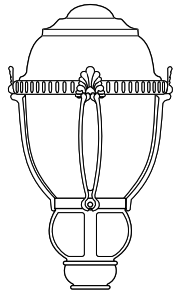
4. OPTIONS

| | | | | |
|--------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <input type="checkbox"/> | CHC | Copper hood cover | | |
| <input type="checkbox"/> | BHC | Brass hood cover | | |
| <input type="checkbox"/> | BPS | Brass color painted struts | | |
| <input type="checkbox"/> | CHM | Glass chimney with brass holder. Horizontal reflectors only. | | |
| <input type="checkbox"/> | CYL | Glass cylinder with brass holder. Standard with vertical reflectors. Horizontal reflectors only. | | |
| <input type="checkbox"/> | HSS | House side shield for horizontal or vertical reflectors. Factory installed. Not available for Type 5. | | |
| <input type="checkbox"/> | LDL | Lightly diffused lens to conceal the fixture interior and reduce lamp brightness. | | |
| <input type="checkbox"/> | QL | Socket for T-4 mini-can lamp, field wired to a separate circuit. (Lamp wattage not to exceed ballast wattage). Horizontal reflectors only. | | |
| <input type="checkbox"/> | QRS | Restrike controller and T-4 mini-can socket. Not required with electronic ballast. (Lamp wattage not to exceed ballast wattage). Horizontal reflectors only. | | |
| <input type="checkbox"/> | 347 | 120/277/347 volt ballast | | |

| | | | |
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Specifications



Slip over a 4"/100mm O.D. pole
 36"/915mm x 19"/480mm DIA
 WT: 38 lbs IP: 54 EPA: 2.75

HOUSING

The entire fixture shall be A356 cast aluminum, free of any porosity, foreign materials or cosmetic fillers. Castings shall be of uniform wall thickness, minimum .188 with no warping or mold shifting.

The top shall hinge open by flipping up two integral latches. The concealed latch mechanism shall be all stainless steel. The top shall seal the lamp compartment with a full surround, molded silicone gasket. The lens shall be one piece clear, injection molded optical grade, DR acrylic, gasketed top and bottom with silicone gaskets, and held in place with six clips for easy lens replacement. The ballast assembly shall be accessible by turning two knobs, and then lifting out the ballast module. The ballast module shall be sealed from the lamp chamber with a silicone gasket. Quick disconnects shall be used for all electrical connections. All internal and external hardware shall be stainless steel.

REFLECTOR MODULE

The optical assembly shall be completely sealed with a silicone gasket to prevent dust, insect or moisture contamination. The reflector module shall consist of segmented, specular and semi specular Alzak® panels precisely formed and positioned within a die cast aluminum housing. The reflector module rotatable on ninety degree increments for proper field positioning. Reflectors shall meet the ANSI-IES standard for cutoff classification.

GLASS REFRACTOR

A borosilicate glass refractor lens with a Type 3 or Type 5 distribution shall be attached to an aluminum frame. Three captive fasteners shall be loosened to turn and remove the lens for relamping.

ELECTRICAL

Ballasts shall be high power factor rated for -30°C starting. The ballast shall be mounted to a cast holder for maximum heat dissipation. Medium base, (mogul base for 200 and 250 watt lamps) porcelain sockets shall be pulse rated. The electrical assembly shall be installed and prewired in the fixture. Sockets for T-6 lamps are G12 type. High output fluorescent lamps shall be powered by electronic ballast and shall be rated for a minimum starting temperature of -18° C.

MOUNTING

Post top mounting: the fixture shall slip over a 4"/100 mm O.D. pole and be secured to the pole with three stainless steel set screws.

Arm or wall mounting: The fixture shall attach to a transition casting that is welded to the arm. The transition piece shall attach to the fixture with three stainless steel 1/4-20 bolts and sealed with a silicone gasket.

TOOL-LESS RELAMPING

The top of the fixture shall hinge open for relamping. Two integral latches shall be flipped up to open the fixture for relamping.

FINISH

Fixture finish shall consist of a five stage pretreatment regimen with a polymer primer sealer, oven dry off and top coated with a thermoset super TGIC polyester powder coat finish. The finish shall meet the AAMA 2604-02 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

EISA COMPLIANCE

AAL is committed to complying with U.S. EISA requirements. All applicable products manufactured for sale in the United States after January 1, 2009, meet EISA requirements.

CERTIFICATION

Fixtures shall be listed with UL Testing Laboratories for outdoor, wet location use, 1598 and Canadian CSA std. C22.2 no.250. IP = 54

WARRANTY

Fixture is warranted for three years. Ballast components carry the ballast manufacturer's limited warranty. Any unauthorized return, repair, replacement or modification of the Product(s) shall void this warranty. This warranty applies only to the use of the Product(s) as intended by AAL and does not cover any misapplication or misuse of said Product(s), or installation in hazardous or corrosive environments. Contact AAL for complete warranty language, exceptions, and limitations.

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