

Updated: 01/2010



- IES full cutoff reflector systems (horizontal reflectors)
- 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



Architectural Area Lighting

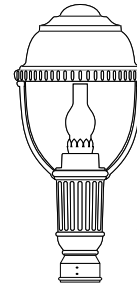
16555 East Gale Ave. | City of Industry | CA 91745
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Fixture	Lamp/Ballast	Color	Options	Mounting
1	2	3	4	5

1. FIXTURE

<input checked="" type="checkbox"/> PRMS V3	Vertical lamp, IES cutoff, Type 3 reflector			
<input type="checkbox"/> PRMS V5	Vertical lamp, IES cutoff, Type 5 reflector			
<input type="checkbox"/> PRMS H2	Horizontal lamp, IES full cutoff, Type 2 reflector			
<input type="checkbox"/> PRMS H3	Horizontal lamp, IES full cutoff, Type 3 reflector			
<input type="checkbox"/> PRMS H4	Horizontal lamp, IES full cutoff, Type 4 reflector			
<input type="checkbox"/> PRMS H5	Horizontal lamp, IES full cutoff, Type 5 reflector			
<input type="checkbox"/> PRMS GR3	Type 3 glass refractor			
<input type="checkbox"/> PRMS GR5	Type 5 glass refractor			
<input type="checkbox"/> PRMS IL55	55 watt induction lamp system, LDL lens. Specify 120, 208, 240 or 277 volt. -25°C min start temp.			
<input type="checkbox"/> PRMS IL85	85 watt induction lamp system, LDL lens. Specify 120, 208, 240 or 277 volt. -25°C min start temp.			
<input type="checkbox"/> PRMS IL165	165 watt induction lamp system, LDL lens. Specify 120, 208, 240 or 277 volt. -25°C min start temp.			



36"/915mm x19"/480mm DIA
WT: 38 lbs IP: 54 EPA: 2.75

2. LAMP/BALLAST

Spec call for lamp to be modified to 35W from 50W

<input checked="" type="checkbox"/> 50MH	50 watt metal halide multitap 120/277 volt ballast. Use medium base, ED-17 lamp.			
<input type="checkbox"/> 70MH	70 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.			
<input type="checkbox"/> 70MHT6	70 watt metal halide 120/277 volt ballast. Use G12 base, T-6 ceramic lamp. Not available with GR3/GR5.			
<input type="checkbox"/> 100MH	100 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.			
<input type="checkbox"/> 150PSMH	Pulse start 150 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.			
<input type="checkbox"/> 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.			
<input type="checkbox"/> 175PSMH	Pulse start 175 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp. For vertical reflectors base up only.			
<input type="checkbox"/> 250PSMH	Pulse start 250 watt metal halide multitap 120/208/240/277 volt ballast. Use mogul base, ED-28 lamp.			
<input type="checkbox"/> 50HPS	50 watt high pressure sodium 120/277 volt ballast. Use medium base, ED-17 lamp.			
<input type="checkbox"/> 70HPS	70 watt high pressure sodium 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.			
<input type="checkbox"/> 100HPS	100 watt high pressure sodium 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.			
<input type="checkbox"/> 150HPS	150 watt high pressure sodium 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.			
<input type="checkbox"/> 200HPS	200 watt high pressure sodium 120/208/240/277 volt ballast. Use mogul base, ED-18 lamp.			
<input type="checkbox"/> 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 (except IL options).
For horizontal reflector models with PSMH mogul base ballasts, use a lamp approved for horizontal burning.
All applicable ballasts are EISA compliant.*

SOLD TO	PO #	JOB NAME	Approvals
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3. COLOR

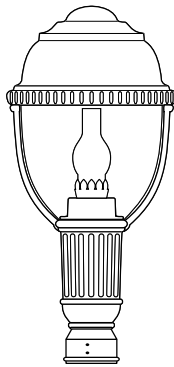
<input type="checkbox"/>	AWT	Arctic White		
<input type="checkbox"/>	BLK	Black		
<input type="checkbox"/>	MTB	Matte Black		
<input type="checkbox"/>	DGN	Dark Green		
<input type="checkbox"/>	DBZ	Dark Bronze		
<input type="checkbox"/>	WRZ	Weathered Bronze		
<input type="checkbox"/>	BRM	Metallic Bronze		
<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"/>	CHM	Glass chimney, with brass holder. Not available with GR3/GR5.		
<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). Not available with GR3/GR5.		
<input type="checkbox"/>	QRS	Restrike controller and T-4 mini-can socket. Not required with electronic ballast. (Lamp wattage not to exceed ballast wattage). Not available with GR3/GR5.		
<input type="checkbox"/>	347	120/277/347 volt ballast		

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Specifications



36"/915mm x19"/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 full cutoff in horizontal models.

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 be welded to the cast arm.

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 = 55

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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