

Updated: 03/2010



- Designed for high performance metal halide and energy efficient fluorescent lamps
- Applications include floodlighting, wall washing, wall grazing, and indirect lighting
- Segregated ballast module allows orientation for uplight, downlight and ceiling mounting
- A glass refractor lens and an internal specular reflector provide smooth, even illumination
- EISA compliant
- IP66 rated
- Powder coat finish in thirteen standard colors with a polymer primer sealer



Architectural Area Lighting

16555 East Gale Ave. | City of Industry | CA 91745
P 626.968.5666 | F 626.369.2695 | www.aal.net
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Fixture	Lamp/Ballast	Color	Options	Mounting
1	2	3	4	5

1. FIXTURE

<input type="checkbox"/> CPH	Cypher
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2. LAMP/BALLAST

<input type="checkbox"/> 70MHT6	70 watt 120/277 volt ballast. Use G12 base, T6 ceramic lamp.
<input type="checkbox"/> 150MHT6	150 watt 120/208/240/277 volt ballast. Use G12 base, T6 ceramic lamp.
<input type="checkbox"/> 70MHT6EB	70 watt electronic 120 thru 277 volt ballast. Use G12 base, T6 ceramic lamp.
<input type="checkbox"/> 150MHT6EB	150 watt electronic 120 thru 277 volt ballast. Use G12 base, T6 ceramic lamp.
<input type="checkbox"/> 70MH	70 watt 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
<input type="checkbox"/> 100MH	100 watt 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
<input type="checkbox"/> 150MH	150 watt 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
<input type="checkbox"/> 70MHEB	70 watt electronic 120 thru 277 volt ballast. Use medium base, ED-17 lamp.
<input type="checkbox"/> 100MHEB	100 watt electronic 120 thru 277 volt ballast. Use medium base, ED-17 lamp.
<input type="checkbox"/> 150MHEB	150 watt electronic ballast 120 thru 277 volt ballast. Use medium base, ED-17 lamp.
<input type="checkbox"/> 200MH	200 watt 120/208/240/277 volt ballast. Use mogul base, ED-28 lamp.
<input type="checkbox"/> 250MH	250 watt 120/208/240/277 volt magnetic ballast. Use mogul base, ED-28 lamp.
<input type="checkbox"/> 250PSMH	Pulse start 250 watt 120/208/240/277 volt ballast. Use mogul base, ED-28 lamp.
<input type="checkbox"/> 150HPS	150 watt 120/208/240/277 volt ballast. Use mogul base, ED-23 1/2 lamp.
<input type="checkbox"/> 250HPS	250 watt 120/208/240/277 volt ballast . Use mogul base, ED-18 lamp.
<input type="checkbox"/> PL57	57 watt high output (GE) lamp with electronic 120 thru 277 volt ballast. PL-T Biax lamp.
<input type="checkbox"/> PL70	70 watt high output (GE) lamp with electronic ballast, 120 thru 277 volt ballast. PL-T Biax lamp.

*All ballasts are factory wired for 277 volts, unless specified. Lamps not included.
All applicable ballasts are EISA compliant.*

3. COLOR

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

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4. OPTIONS

- SYM** Symmetric light output with an internal secondary glass refractor and lower peened reflector. Suitable for wall, ceiling or pendant mounting.

- PRF** Perforated shield, painted to match the fixture.

- SHD** Shielding hood, painted to match the fixture.

- ASH** Hood with two adjustable blades for controlling lens spill, painted to match fixture.

- RCK** Rock guard, painted to match the fixture.

- CFH** Color filter holder, painted to match the fixture. Color filters are available from Special FX. Filter size is 14"/356mm x 10"/254mm.



SYM



PRF



SHD



ASH



RCK



CFH

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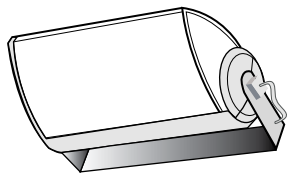
5. MOUNTING

- YK** Stainless steel yoke with 15' waterproof black cable for connection to a remote ballast. Ballast enclosure by others. Maximum distance for electronic ballasts is 5 feet from lamp.

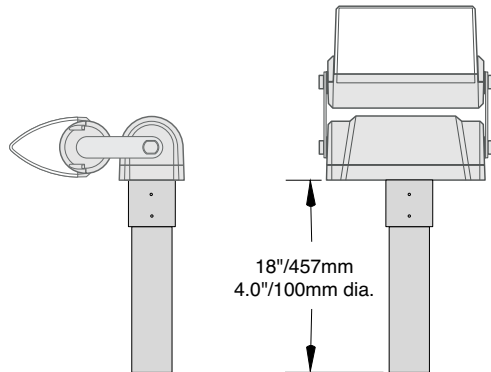
- MST** Cast stanchion mount with an 18"/460mm x 4"/100mm O.D. aluminum post, painted to match the fixture. Cast collar attaches to the fixture and slips over the extruded aluminum post. Secured with six stainless steel set screws.

- SPN** Single fixture pendant with a 48"/1220mm stem, 45 degree swivel joint mounts to a standard j-box. The stem and cover are painted to match the fixture.

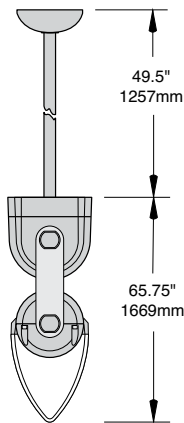
- TPN** Dual fixture pendant with a 48"/1220mm prewired stem, 45 degree swivel joint mounts to a standard j-box. The 8"/400mm long center hub has an access cover at each end. The assembly is painted to match the fixture.



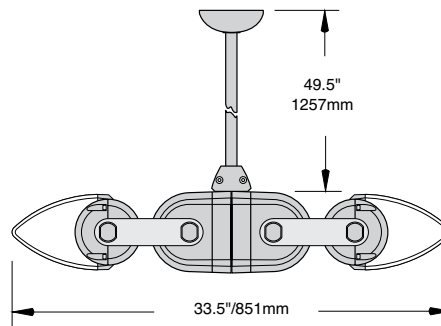
YK



MST



SPN



TPN

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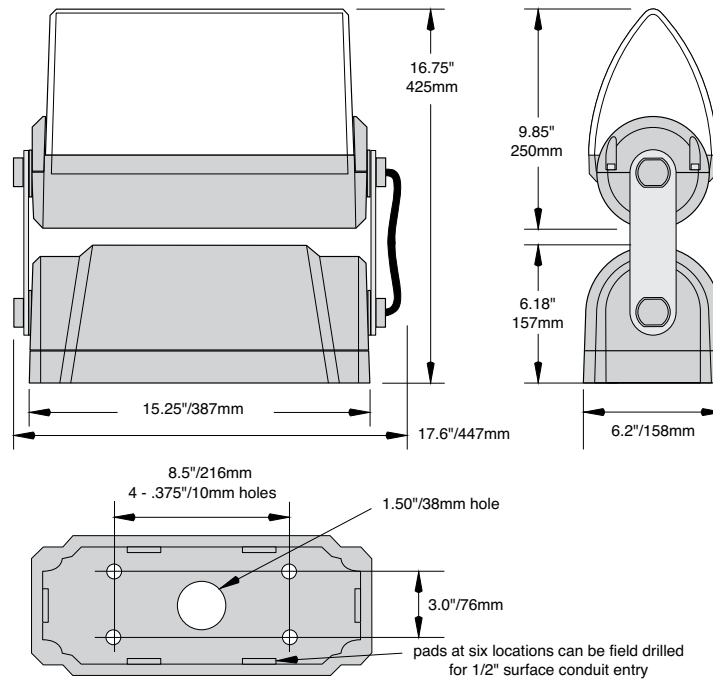
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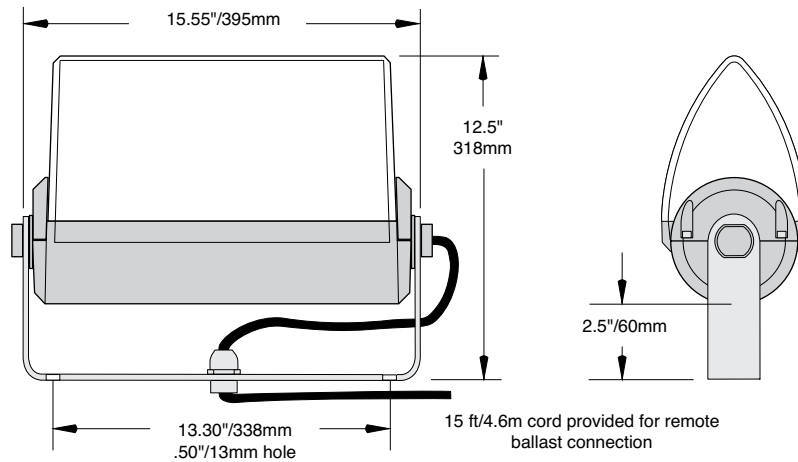
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Dimensional data: Standard weight 32 lbs.



Dimensional data for yoke mount with remote ballast (ballast enclosed by others)



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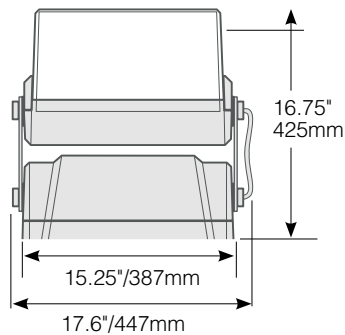
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HOUSING

The lamp module and ballast module are die cast aluminum. The glass refractor lens is one piece clear, tempered borosilicate glass attached to two die cast end plates for securing to the lamp housing. Four captive stainless steel cap nuts are loosened to remove the lens for relamping. The lens is sealed to the lamp housing with a full surround silicone gasket. The lamp housing reflector is die formed specular aluminum. The lamp housing is attached to the ballast compartment with two stainless steel arms. The arms are secured to the housing(s) with die cast cap nuts. A five conductor sanoprene jacketed cord with internal silicone cord seal is between the lamp and ballast compartment. The lamp module can rotate 180 degrees and be locked into place. The ballast compartment cover is attached to the two stainless steel arms which can be rotated at 90 degree increments. The mounting plate attaches to the wall or other mounting surface. A ballast tray attaches to the plate for easy ballast removal. The mounting plate can accept half inch surface conduit at six locations around the perimeter. The fixture attaches to the mounting plate with four captive stainless steel bolts and is sealed with a memory retentive, molded silicone gasket.

ELECTRICAL MODULE

The ballast is mounted on a prewired plate with a quick disconnect plug and removed by loosening four captive screws. Magnetic metal halide ballasts are high power factor, rated for -20°F starting. Electronic metal halide ballasts are rated for -20°F starting, sound rating A. 120 through 277 volt. Fluorescent biax electronic transformers are sound rated A with a minimum starting temperature of 32°F. Multi-tap ballasts are wired at the factory for 277 volts. All HID sockets are pulse rated porcelain.

FINISH

Fixture finish consists 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 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

INSTALLATION

The mounting plate of the ballast housing has a center wiring hole and four mounting holes. A silicone foam gasket is provided on the outside of the backplate to seal the j-box and mounting holes. Irregular surfaces may require additional caulking to seal the backplate and j-box. The mounting plate perimeter has six cast in locations suitable for field drilling to accept 1/2" conduit for surface conduit applications. The fixture attaches to the backplate with four captive socket cap allen head bolts.

CERTIFICATION

The fixture is listed with ETL for outdoor, wet location use, in all mounting orientations (except for ceiling mount). Conforms to the UL 1598 and Canadian CSA C22.2 No. 250 standard. IP66.

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.

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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