

Large Scale - Indirect

Updated: 01/2010



- Concealed light source for smooth, glare free illumination.
- Cutoff option
- Symmetric or asymmetric distribution
- Post-top, wall mount arm, or pole mount arm options
- Tool-less access with captive fastener
- Stainless steel struts
- EISA compliant
- IP65 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  
P 626.968.5666 | F 626.369.2695 | www.aal.net  
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Fixture	Lens Element	Lamp/Ballast	Hood Finish	Color	Options	Mounting
1	2	3	4	5	6	7

**1. FIXTURE**

SP1-IND Spectra Large Scale-Indirect

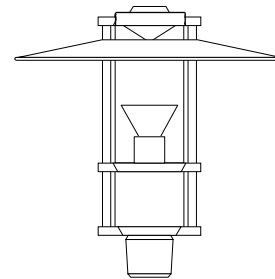
Dimensions:

31.5 in/800 mm x 29.2 in/740 mm DIA

WT: 46 lbs EPA: 2.27 IP: 65

Slips over a 4 in/100 mm O.D. pole

Note: Spectra Indirect ships with Straight hood as standard.



**2. LENS ELEMENT**

-3 Type 3 light distribution

-5 Type 5 light distribution

**3. LAMP/BALLAST**

CF 120 thru 277 electronic ballast for use with 4 pin, 32 or 42 watt T-4 compact fluorescent lamp.

50MH 50 watt metal halide 120/277 volt ballast. Use medium base, ED-17 lamp.

50MHEB 50 watt electronic metal halide 120 thru 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.

70MHEB 70 watt electronic metal halide 120 thru 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.

70MHT6EB 70 watt electronic metal halide 120 thru 277 volt ballast. Use G12 base, T-6 ceramic lamp.

100MH 100 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.

100MHEB 100 watt electronic metal halide 120 thru 277 volt ballast. Use medium base, ED-17 lamp.

150MHEB 150 watt electronic metal halide 120 or 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.

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.

All fixtures prewired for 277 volts, unless specified. Lamps not included.

All applicable ballasts are EISA compliant.

SOLD TO

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#### 4. HOOD FINISH-OPTIONAL

- STS      Stainless steel
- COP      Natural copper

Indirect model hoods have the underside finished in high reflectance white.

#### 5. COLOR

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

#### 6. OPTIONS

- 347      120/227/347 volt ballast
- ULS      Upper lens shield above the hood. Provides cutoff classification.
- AD5      Adapter for SP1, slips over a 5 in/127 mm O.D. pole.

#### 7. MOUNTING

- AWM1      Wall mounted arm for SP1. WT: 8 lbs EPA: 0.13
- SAP1      Arm mount for SP1. Designed to slip over a 4 in/100 mm O.D. pole. WT: 9 lbs EPA: .63
- TAP1      Twin arm mount for SP1. Designed to slip over a 4 in/100 mm O.D. pole. WT: 12 lbs EPA: .83

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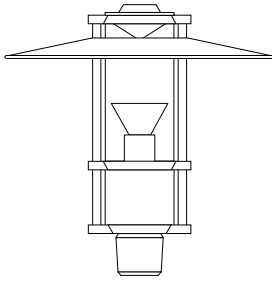
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## Specifications



### Dimensions:

31.5 in/800 mm x 29.2 in/740 mm DIA

WT: 46 lbs

EPA: 2.27 IP: 65

Slips over a 4 in O.D. pole

## HOUSING

The fixture housing is all cast aluminum, A356 alloy, free of any porosity, foreign materials, or cosmetic fillers. The ballast is mounted internally and accessed by loosening two captive bolts and lifting off the top of the fixture. The top cover is hinged and secured with one captive tool-less fastener for relamping. The top is sealed with a molded silicone gasket. The upper reflector cone is matte finished anodized aluminum. All lenses are molded, seamless high impact lighting grade acrylic. The lens is sealed to the housing with a molded silicone gasket on the top and bottom. The vertical struts are 316 stainless steel tubing. All internal and external hardware is stainless steel. All female threads on the aluminum parts are cast-in-place brass inserts to ensure no thread seizure.

The fixture shall slip over a 4 in/100mm round post top and secured with six stainless steel set screws.

The shade is spun from 6061 T-6 aluminum, 316 stainless steel or 110 copper. The shade has a beaded edge for added strength. For indirect models, the underside of the painted, copper, and stainless steel shades are finished in a high reflectance white powder coating.

## ELECTRICAL

The ballast is integral to the fixture, mounted on a prewired module with a quick disconnect plug. The ballast module has two keyhole slots and is removable by loosening two screws. Sockets is pulse rated porcelain. HID ballasts are high power factor, rated for -30°C starting. The compact fluorescent ballast shall be electronic for use with 4 pin lamps (GX24q-4 socket) rated for -18° C starting temperature. Ballasts are multitap, wired at the factory for 277 volts, unless specified.

## 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.

## 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

The fixture is listed with ETL for outdoor, wet location use, UL1598 and Canadian CSA Std. C22.2 no.9.

## 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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