

Large Scale - Opal Lens

Updated: 01/2010



- Modular system with five luminous options, four hood options, and two optical systems for customization to complement site design
- Opal acrylic lens, Type 5 distribution for soft, general lighting
- Pole, wall, and pendant mounting options
- 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	Luminous Element/Hood	Optics	Lamp/Ballast	Color	Hood Options	Options
1	2	3	4	5	6	7

1. FIXTURE

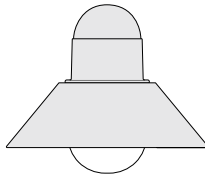
UCL Universe Large (Opal lens)

2. LUMINOUS ELEMENT AND HOOD

NO LUMINOUS ELEMENT

ANG

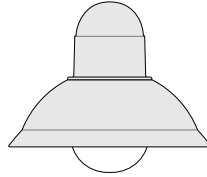
Angled Hood



HT: 24.5"/630mm
DIA: 30"/760mm

BEL

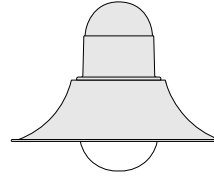
Bell Hood



HT: 25"/635mm
DIA: 30"/760mm

FLR

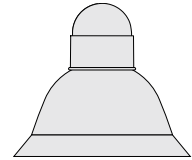
Flared Hood



HT: 25"/635mm
DIA: 32"/810mm

SKB

Skirted Bell Hood

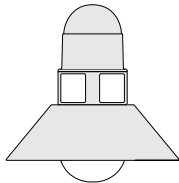


HT: 27.25"/693mm
DIA: 32"/810mm

4 LUMINOUS WINDOWS

WND-ANG

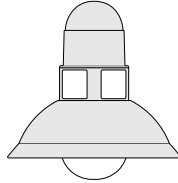
Angled Hood



HT: 30"/760mm
DIA: 30"/760mm

WND-BEL

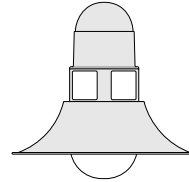
Bell Hood



HT: 30"/760mm
DIA: 30"/760mm

WND-FLR

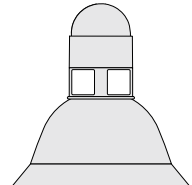
Flared Hood



HT: 30"/760mm
DIA: 32"/810mm

WND-SKB

Skirted Bell Hood



HT: 32.5"/826mm
DIA: 32"/810mm

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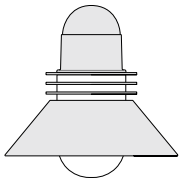
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SOLID RINGS

SR-ANG

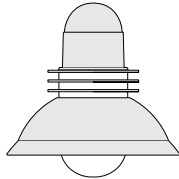
Angled Hood



HT: 30"/760mm
DIA: 30"/760mm

SR-BEL

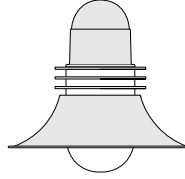
Bell Hood



HT: 30"/760mm
DIA: 30"/760mm

SR-FLR

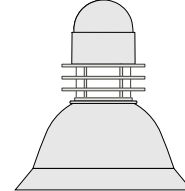
Flared Hood



HT: 30"/760mm
DIA: 32"/810mm

SR-SKB

Skirted Bell Hood

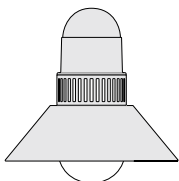


HT: 32.25"/820mm
DIA: 32"/810mm

VERTICAL SLOTS

VSL-ANG

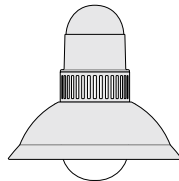
Angled Hood



HT: 30"/760mm
DIA: 30"/760mm

VSL-BEL

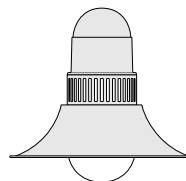
Bell Hood



HT: 30"/760mm
DIA: 30"/760mm

VSL-FLR

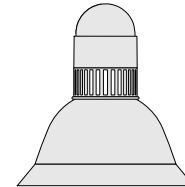
Flared Hood



HT: 30"/760mm
DIA: 32"/810mm

VSL-SKB

Skirted Bell Hood

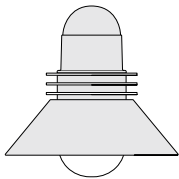


HT: 32.5"/824mm
DIA: 32"/810mm

LUMINOUS RINGS

LUM-ANG

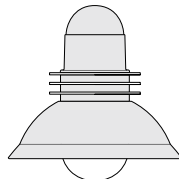
Angled Hood



HT: 30"/760mm
DIA: 30"/760mm

LUM-BEL

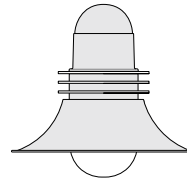
Bell Hood



HT: 30"/760mm
DIA: 30"/760mm

LUM-FLR

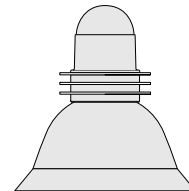
Flared Hood



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LUM-SKB

Skirted Bell Hood



HT: 32.25"/820mm
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3. OPTICS

- OAL Opal acrylic lens-Maximum 250 watts

4. LAMP/BALLAST

- 150PSMH Pulse start 150 watt metal halide 120/208/240/277 volt ballast. Use medium base ED-17 lamp.
- 175PSMH Pulse start 170 watt metal halide 120/208/240/277 volt ballast. Use mogul base, ED-17 lamp.
- 200PSMH Pulse start 200 watt metal halide 120/208/240/277 volt ballast. Use mogul base, ED-28 lamp.
- 250PSMH Pulse start 250 watt metal halide 120/208/240/277 volt ballast. Use mogul base, ED-28 lamp.
- 150HPS High pressure sodium 120/208/240/277 volt ballast. Use mogul base, ED-23 1/2 lamp.
- 250HPS High pressure sodium 120/208/240/277 volt ballast. Use mogul base, ED 18 lamp.
- IL-55 55 watt, induction lamp system with high frequency generator. Specify 120, 208, 240 or 277 volt. -25° C start temp. Less Luminous Element.
- IL-85 85 watt, induction lamp system with high frequency generator. Specify 120, 208, 240 or 277 volt. -25° C start temp. Less Luminous Element.

All ballasts are factory wired for 277 volts, unless specified. Lamps not included (except IL options).

All applicable ballasts are EISA compliant.

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

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6. HOOD OPTIONS

- COP Copper hood

- STS Stainless steel hood

The natural copper and stainless steel hoods are unfinished to develop a patina over time. All hoods have the underside of the hoods finished in high reflectance white.

7. OPTIONS

- 347 120/240/347 volt ballast for HID lamp

- PMS Pendant mount with 48"/1220mm stem and canopy with swivel. Stem and canopy painted white

- PM Post top mount for OAL. Post top mount slips over a 4"/100mm pole. Secured with 6 stainless steel set screws.

- SLC Internal sleeve to block light from the lens when a Luminous Element is chosen: WND, SR, VSL or LUM

INNER LENS - (LUM Option only) Optional inner lens adds color to the ring edges when illuminated.

- BL Blue acrylic inner lens

- RD Red acrylic inner lens

- GRN Green acrylic inner lens

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Specifications

HOUSING

The fixture ballast housing shall be one-piece cast aluminum. The luminous rings shall be clear acrylic with an internal lens. The lens shall be lightly diffused acrylic, sealed to the housing and hood with molded silicone gaskets. The hood and spacers shall be heavy gage spun aluminum with hemmed edges for added rigidity.

All internal and external hardware shall be stainless steel.

OAL – Molded opal acrylic lens and an aluminum frame. Three captive fasteners shall be loosened to turn and remove the lens for relamping.

ELECTRICAL

The ballast shall be mounted on a prewired tray with a quick disconnect plug and removed by loosening two captive screws. HID ballasts are high power factor, rated for -30°C starting. Sockets are pulse rated porcelain. Ballasts are multi-tap, wired at the factory for 277 volts, unless specified.

INSTALLATION & MOUNTING

The fixture shall be attached to the arm assembly with three stainless steel bolts. The connection shall be sealed with a silicone compression gasket.

PM – The post top version shall slip over a 4"/100mm pole or tenon, and secured with six stainless steel set screws.

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 shall be listed with ETL and U.L. for outdoor, wet location use, UL1598 and Canadian CSA Std. C22.2 No.250. IP=65

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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