

Small Scale

Updated: 01/2010



- Now available with highly efficient LED technology
 - IES Type 5 distribution
 - Two color temperatures, 3500K and 5100K
- Modular system offers five luminous choices and five hood options for customization to complement site design
- Full cutoff option available
- Pole, wall, or pendant mounting options
- Opal glass lens, IES Type 5 distribution for soft, general lighting
- 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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Luminaire	Luminous Element/Hood	Lamp/Ballast	Color	Options	Mounting
1	2	3	4	5	6

1. LUMINAIRE

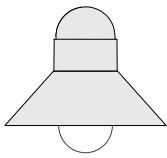
UCS Universe Small WT: 14 lbs

2. LUMINOUS ELEMENT AND HOOD

NO LUMINOUS ELEMENT

ANG

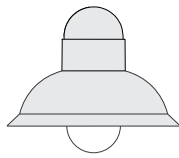
Angled Hood



HT: 12.75"/325mm
DIA: 15"/380mm
EPA: 0.29

BEL

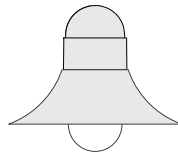
Bell Hood



HT: 12.75"/325mm
DIA: 15"/380mm
EPA: 0.30

FLR

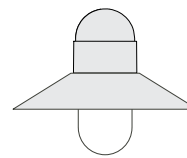
Flared Hood



HT: 12.75"/325mm
DIA: 15"/380mm
EPA: 0.28

STR

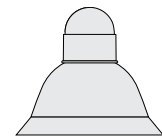
Straight Hood



HT: 12.75"/325mm
DIA: 16"/405mm
EPA: 0.27

SKB

Skirted Bell Hood

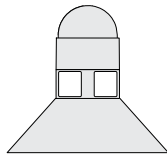


HT: 13"/330mm
DIA: 15"/380mm
EPA: 0.38

4 LUMINOUS WINDOWS

WND-ANG

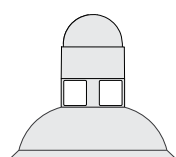
Angled Hood



HT: 12.75"/325mm
DIA: 15"/380mm
EPA: 0.31

WND-BEL

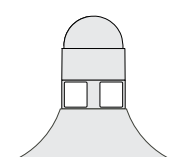
Bell Hood



HT: 12.75"/325mm
DIA: 15"/380mm
EPA: 0.34

WND-FLR

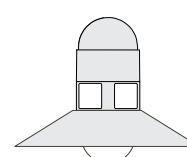
Flared Hood



HT: 12.75"/325mm
DIA: 15"/380mm
EPA: 0.30

WND-STR

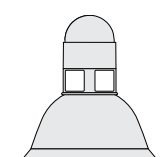
Straight Hood



HT: 12.75"/325mm
DIA: 16"/405mm
EPA: 0.28

WND-SKB

Skirted Bell Hood



HT: 16"/405mm
DIA: 15"/380mm
EPA: 0.43

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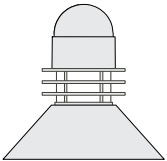
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Luminaire	Luminous Element/Hood	Lamp/Ballast	Color	Options	Mounting
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SOLID RINGS

SR-ANG

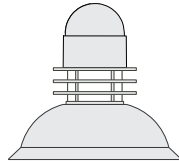
Angled Hood



HT: 13.5"/340mm
DIA: 15"/380mm
EPA: 0.32

SR-BEL

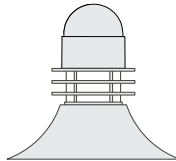
Bell Hood



HT: 13"/330mm
DIA: 15"/380mm
EPA: 0.34

SR-FLR

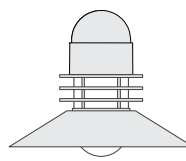
Flared Hood



HT: 13"/330mm
DIA: 15"/380mm
EPA: 0.30

SR-STR

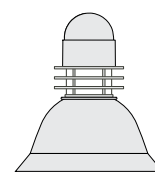
Straight Hood



HT: 12.75"/325mm
DIA: 16"/405mm
EPA: 0.28

SR-SKB

Skirted Bell Hood

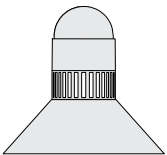


HT: 16"/405mm
DIA: 15"/380mm
EPA: 0.43

VERTICAL SLOTS

VSL-ANG

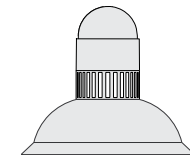
Angled Hood



HT: 12.75"/325mm
DIA: 15"/380mm
EPA: 0.31

VSL-BEL

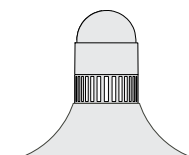
Bell Hood



HT: 12.75"/325mm
DIA: 15"/380mm
EPA: 0.34

VSL-FLR

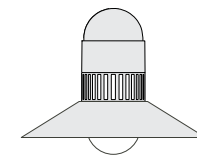
Flared Hood



HT: 12.75"/325mm
DIA: 15"/380mm
EPA: 0.30

VSL-STR

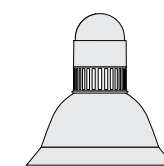
Straight Hood



HT: 12.75"/325mm
DIA: 16"/405mm
EPA: 0.28

VSL-SKB

Skirted Bell Hood

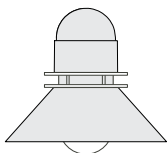


HT: 16"/405mm
DIA: 15"/380mm
EPA: 0.43

LUMINOUS RINGS

LUM-ANG

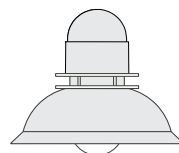
Angled Hood



HT: 13.5"/340mm
DIA: 15"/380mm
EPA: 0.29

LUM-BEL

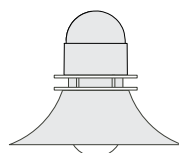
Bell Hood



HT: 13"/330mm
DIA: 15"/380mm
EPA: 0.33

LUM-FLR

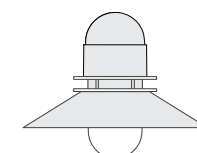
Flared Hood



HT: 13"/330mm
DIA: 15"/380mm
EPA: 0.28

LUM-STR

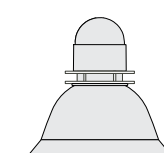
Straight Hood



HT: 12.75"/325mm
DIA: 16"/405mm
EPA: 0.27

LUM-SKB

Skirted Bell Hood



HT: 15"/380mm
DIA: 15"/380mm
EPA: 0.41

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Luminaire	Luminous Element/Hood	Lamp/Ballast	Color	Options	Mounting
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3. LAMP/BALLAST

- 12LED-WW 12 light emitting diode array (32 watts). Warm white (3500K). 120 thru 277 volt.
- 12LED-BW 12 light emitting diode array (32 watts). Bright white (5100K). 120 thru 277 volt.
- CF Compact fluorescent, electronic 120 thru 277 volt ballast. -18°C min start temp. Use 4-pin 26, 32 or 42 watt lamp. Specify wattage.
- 50MH 50 watt metal halide 120/208/240/277 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 120/277/347 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.

All ballasts and LED drivers are factory wired for 277 volts, unless specified. Lamps not included (except for LED options). For pole mounted fixtures, the ballast is located in the arm. All applicable ballasts are EISA compliant.

4. COLOR

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

5. OPTIONS – HOOD FINISH

- 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 under side finished in high reflectance white.

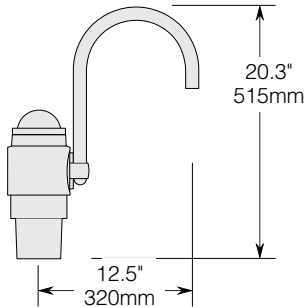
OPTIONS – INTERNAL

- SLC Internal sleeve to block light from the lens when a luminous element is chosen.
- 347 120/240/347 volt ballast for HID lamp/ballast except the 50MH and 50HPS. **Not available with LED.**
- FCO Full cutoff shield. Replaces luminous element.

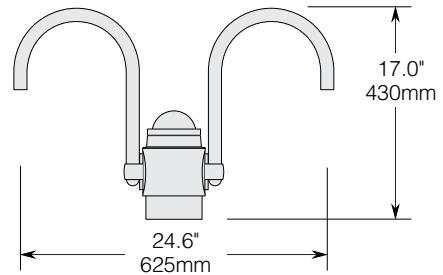
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Luminaire	Luminous Element/Hood	Lamp/Ballast	Color	Options	Mounting
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6. MOUNTING

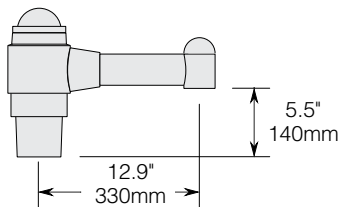


PCVS Curved arm, fits over a 3"/75mm pole

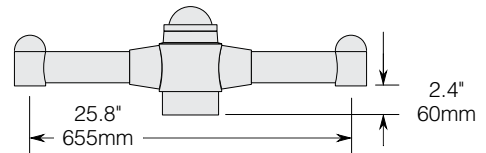


PCVT Twin curved arm, fits over a 4"/100mm pole

The top 6"/150mm of the pole top shall have an open, clear unobstructed area for the ballast assembly

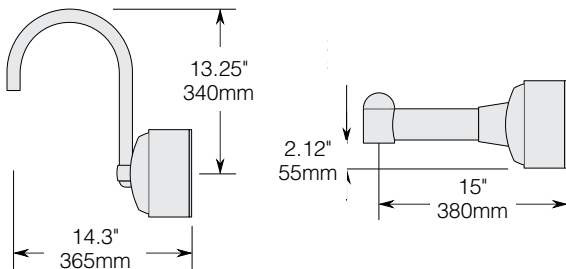


PSTS Straight arm, fits over a 3"/75mm pole



PSTT Twin straight arm, fits over a 4"/100mm pole

The top 6"/150mm of the pole top shall have an open, clear unobstructed area for the ballast assembly

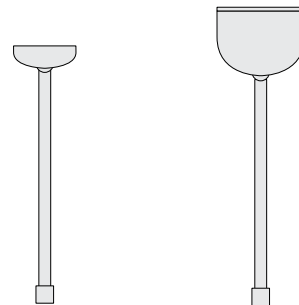


WCV

Wall mount curved arm, integral ballast. Uses the mounting plate with a prewired ballast.

WST

Wall mount straight arm, integral ballast. Uses the mounting plate with a prewired ballast.



PMS

Pendant mount with 48"/1220mm stem and swivel fits over a standard octagonal j-box. Remote ballast required.

SBE

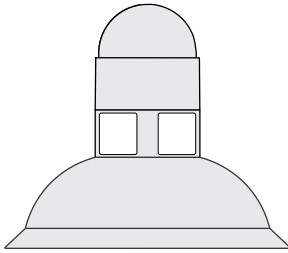
Pendant mount with 48"/1220mm stem and surface mounted ballast enclosure.

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Specifications



HT: 12.75"/325mm to 16"/405mm

DIA: 14"/355mm to 16"/405mm

WT: 14 lbs. IP rating: 55

HOUSING

The fixture and ballast housing shall be one piece cast aluminum. The luminous rings shall be acrylic with an aluminum spacer and stainless steel rods. The lens shall be tempered, borosilicate opal glass. The lens shall be gasketed and screwed onto the housing for lamp access. The hoods shall be heavy gage spun aluminum with hemmed edges for added rigidity.

All internal and external hardware shall be stainless steel

FULL CUTOFF

The full cutoff shield is used in place of the luminous element when the FCO option is chosen. It lowers the hood to cover the opal lens, providing IES full cutoff classification meaning there is zero light emitted at 90° horizontal or above. The O.A.H of the UCS fixture with the FCO option is 14.25"/362mm with the bell hood, 14"/356mm with the skirted bell hood, or 13.25"/337mm for others.

ELECTRICAL

The ballast shall be mounted to a cast plate, prewired with a quick disconnect plug. HID ballasts are high power factor, rated for -30°C starting. Sockets are medium base, pulse rated porcelain. Compact fluorescent socket is for a 26, 32 or 42 watt lamp, 4 pin, GX24q-4, with an electronic ballast, -18°C starting temperature. Ballasts are wired at the factory for 277 volts, unless specified. Standard LED color temperatures are 3500K and 5100K. Other color temperatures available. Please contact factory. LED constant current driver operates at 700mA.

INSTALLATION & MOUNTING

Pole mount: The fixture shall be welded to the arm assembly for both the wall and pole mounting models. The single fixture pole mounted arms PCVS and PSTS shall have an integral ballast compartment, and slip over a 3"/75mm pole. The twin fixture pole mounted arms PCVT and PSTT shall have an integral ballast compartment, and slip over an open top, 4"/100mm pole. The top 6"/150mm of the pole top shall have a clear, unobstructed area for the ballast assembly.

Wall mount: The wall mounted ballast housing shall be welded together with the arm and fixture as a unitized assembly. A cast aluminum wall plate shall have the ballast assembly installed and prewired for easy installation. The fixture assembly shall slip over the wall plate and secure with three stainless steel set screws. The mounting system shall allow for horizontal adjustment to level the fixture independent of the mounting plate orientation.

Pendant mount SBE

The ballast is factory assembled and wired to the mounting plate. A .75"/18mm hole is provided for wiring access to the the J-box. Seal the back plate to the wall surface with an appropriate silicone caulk. Three .375"/10mm holes on 120° centers, on a 5"/125mm circle are provided on the back plate for anchoring. Use appropriate stainless steel fasteners for anchoring.

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.

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

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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