

Updated: 06/2010



- Reflector module rotatable on 90° centers
- Fully gasketed to keep contaminants out
- Hinged top for easy relamping
- Integral ballast assembly
- EISA compliant
- IP53 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 1 | Lamp/Ballast 2 | Color 3 | Options 4 |
|--------------|-------------------|------------|--------------|
|--------------|-------------------|------------|--------------|

1 FIXTURE

- ALN 610 H2 Type 2 horizontal cutoff reflector. Clear acrylic lens.
- ALN 610 H3 Type 3 horizontal cutoff reflector. Clear acrylic lens.
- ALN 610 H4 Type 4 horizontal cutoff reflector. Clear acrylic lens.
- ALN 610 H5 Type 5 horizontal cutoff reflector. Clear acrylic lens.

2 LAMP/BALLAST

- CF Compact fluorescent, electronic 120 thru 277 volt ballast. -18° C starting temperature. Use 4-pin 26, 32 or 42 watt lamp. Specify wattage.
- PL57 57 watt compact fluorescent 120 thru 277 volt ballast. Use GE F57QBX lamp. -10°C minimum start temperature.
- PL70 70 watt compact fluorescent 120 thru 277 volt ballast. Use GE F70QBX lamp. -10°C minimum start temperature.
- 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.
- 100MH 100 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
- 150MH 150 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
- 175MH 175 watt metal halide 120/208/240/277 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 ballasts are factory wired for 277 volt, unless specified. Lamps not included.

All ballasts are EISA compliant

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3. 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

4. OPTIONS

- WDM Fixture dome painted white.
- LXN Polycarbonate lens in lieu of acrylic.
- LDL Lightly diffused lens to conceal fixture interior.

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Approvals

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Specifications



ALN 610
17" DIA x 40" H

HOUSING

Housing and ring shall be cast aluminum, certified as pure A356 alloy, 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 ballast housing shall be a one piece, high strength casting with an integral heat sink for the ballast assembly. The fixture top shall be attached with a stainless steel hinge and sealed with a molded silicone gasket. The top shall be secured with two captive tamper resistant screws. Luminous dome shall be molded opal acrylic with an inner glass radiating dome. The lens shall be one piece clear, injection molded acrylic, sealed in the housing. All hardware shall be stainless steel.

REFLECTOR MODULE

The optical assembly shall consist of a polished specular upper reflector and a satin finished lower reflector to control glare. The reflector module shall be mounted to the fitter assembly and remain stationary when the globe is removed.

ELECTRICAL

Electrical components shall be mounted and wired to a mounting plate within the fixture. The ballast compartment shall be sealed with an aluminum cover. All electrical components and materials shall be U.L. recognized. Ballasts are high power factor rated for -30°C starting. Medium base porcelain sockets are 4KV rated.

MOUNTING

Fixture slips over a 4"/100mm O.D. pole for post top mounting.

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 UL for outdoor, wet location use. UL1598. IP Rating: 53

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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