

Bollard

Updated: 03/2010

- Made of cast aluminum for corrosion resistance
- Lens is one-piece formed acrylic
- Features a 90 degree cutoff reflector or Type 3 and Type 5 glass refractors
- EISA compliant
- IP55 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	Lamp/Ballast	Color	Options
1	2	3	4

1. FIXTURE

- ALN480W White acrylic lens, cast top. Wt. 46 lbs.

- ALN480C Clear acrylic lens, cast top. Wt. 46 lbs.

- ALN480CGC Clear acrylic lens, 2 stage cutoff reflector. Wt. 46 lbs.

- ALN480CGR3 Clear acrylic lens, Type 3 refractor, cast top. Wt. 46 lbs.

- ALN480CGR5 Clear acrylic lens, Type 5 refractor, cast top. Wt. 46 lbs.

- ALN481W White acrylic lens, round top. Wt. 46 lbs.

- ALN481C Clear acrylic lens, round top. Wt. 46 lbs.

- ALN481CGC Clear acrylic lens, 2 stage cutoff reflector. Wt. 46 lbs.

- ALN481CGR3 Clear acrylic lens, Type 3 refractor, round top. Wt. 46 lbs.

- ALN481CGR5 Clear acrylic lens, Type 5 refractor, round top. Wt. 46 lbs.

2. LAMP/BALLAST

- 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.

- 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 ballasts are factory wired for 277 volts, unless specified. Lamps not included.

SOLD TO	PO #	JOB NAME	Approvals
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3. COLOR

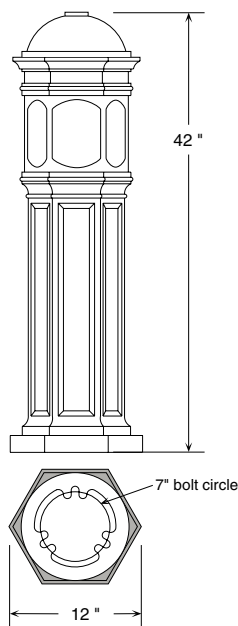
- AWT Arctic White
- BLK Black
- MTB Matte Black
- DGN Dark Green
- DBZ Dark Bronze
- WRZ Weathered Bronze
- BRM Metallic Bronze
- VBL Verde Blue
- CRT Corten
- MAL Matte Aluminum
- MDG Medium Grey
- ATG Antique Green
- LGY Light Warm Gray
- RAL COLOR: Provide a RAL 4 digit color number
- CUSTOM COLOR: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

4. OPTIONS

- LDL Lightly diffused lens to conceal fixture interior. Not for glass refractor and cutoff reflector.
- FS1 Single weatherproof fuse holder (fuse supplied by others).

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Specifications



HOUSING

The bollard shall be cast aluminum. Aluminum shall be certified as pure #356 alloy, free of any porosity, foreign materials, or cosmetic fillers. Castings shall be of uniform wall thickness with a minimum wall thickness of .250". Cage and base shall be a one-piece high strength casting.

The lens shall be one-piece formed acrylic, sealed in the housing to prevent dust, insect or moisture contamination.

ELECTRICAL

Electrical components are prewired on an aluminum strap mounted below the cage. 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. Ballasts are wired at the factory for 277 volts unless specified.

CUTOFF REFLECTOR

An upper aluminum reflector, and a lower cone reflector, shall have a specular Alzak® finish. The reflector system shall provide a 90° cutoff.

REFRACTORS

Refractors shall be precision molded of borosilicate glass, internally secured to an aluminum reflector cap. Refractors shall be gasketed top and bottom to allow for expansion and contraction.

MOUNTING

The internal mounting base shall be cast #356 aluminum with a minimum wall thickness of .250". The bollard shall be secured to the base with three stainless steel bolts. The three mounting bolts, six washers and six nuts shall be hot dipped galvanized steel 1/2" x 10" x 2".

FINISH

Fixture finish shall consist 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 all 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: 54

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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