

# Amber Stainless Steel Bollards

**L70**  
25°C **147,000 Hours**



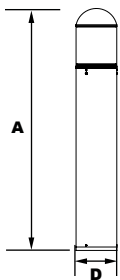
**LED Cone Reflector**  
AIBOWRLQ



**Shown with "S5" Sensor**



**Shown with GFCI**



**Dimensions**

**Diameter (D)** | 7" (178mm)  
**Height (A)** | 41 1/4" (1,060mm)

The Atlantic Amber Bollards are available with cone reflector or louvers with 270° glare shield, and are certified by the Florida Fish & Wildlife Conservation Commission (FWC) for wildlife applications that are directly visible from the shore requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required by FWC. Typical applications include retail centers, hotels, residential, parks, schools and universities, office buildings and medical facilities.

**Specifications and Features:**

**Housing:**

Formed 316L Stainless Steel Housing with Flush Mounting Base & Vandal-Resistant Screws, Domed Top, Internal Ballast Tray for Easy Maintenance. Includes 270° Shield Required to Maintain FWC Certification.

**Listing & Ratings:**

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750; IP65 Sealed LED Compartment.

**Style:**

Specially Designed Aluminum Cone Reflector or Internal Louvers

**Lens:**

Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens

**Mounting Options:**

Mounting Kit with 8" Zinc-Plated Anchor Bolts, Included.

**Amber LED:**

Aluminum Boards

**Wattage:**

Array: 14.5w, System: 17w; (70w HID Equivalent)

**Driver:**

Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

**Controls:**

Fixtures Ordered with Factory-Installed Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with Atlantic Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

**Warranty:**

5-Year Warranty for -40°C to +40°C Environment.

See Page 3 for Projected Lumen Maintenance Table.



Certification #2018-001

**Amber**

**Project Information:**

Project Name: \_\_\_\_\_ Fixture Type: \_\_\_\_\_  
 Complete Catalog #: \_\_\_\_\_ Date: \_\_\_\_\_  
 Comments: \_\_\_\_\_

**Certification & Listings:**



**Order Information Example:**

**AIBOWRLQF1X15UAMSSSF**

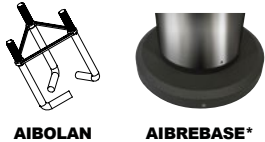
	<b>F</b>	<b>1X15</b>	<b>U</b>	<b>AM</b>	<b>SS</b>	
<b>Model</b>	<b>Optics</b>	<b>Wattage</b>	<b>Driver</b>	<b>CCT</b>	<b>Color</b>	<b>Options</b>
<b>AIBOWRLQ</b> =Round Dome Bollard with LED Cone Reflector and 270° Shield <b>AIBOWLQ</b> =Round Dome Bollard with Louvers and 270° Shield	<b>F</b> =Wide Beam Spread	<b>1X15</b> =15w	<b>U</b> =120-277V	<b>AM</b> =1400K	<b>SS</b> =Stainless Steel	<b>SF</b> =Single Fuse* <b>DF</b> =Double Fuse* <b>SP</b> =Surge Protection <b>GF1</b> =GFCI Outlet, 15A, 120V <b>S5</b> =Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See AIP17125 Spec. Page for Details. <b>BU</b> =Battery Backup, 90 Minutes* <b>BUC</b> =Cold Start Battery Backup, -20°C, 90 Minutes* *120-277V Models Only.

**Accessories & Replacement Parts:**

**Mounting Accessories (Order Separately, Field Installed)**

- AIBOLAN4** Mounting Kit, Includes Bracket & Three (3) 4" Zinc-Plated Anchor Bolts
- AIBOLAN8** Mounting Kit, Includes Bracket & Three (3) 8" Zinc-Plated Anchor Bolts
- AIBOLAN12** Mounting Kit, Includes Bracket & Three (3) 12" Zinc-Plated Anchor Bolts
- AIBOLAN15** Mounting Kit, Includes Bracket & Three (3) 15" Zinc-Plated Anchor Bolts
- AIBREBASE\*** Bollard Retrofit Base Kit Adapts New Bollards to Most Existing Bolt Patterns. Fits all Atlantic Bollards. Die Cast with Powdercoat Finish, Hardware Included. 1 1/2" Dia. x 1 1/2" H

\*Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory)



\*Shown Mounted

**Accessories (Order Separately, Field Installed)**

- AIP17126** Remote Programming Tool for AIP17125



**AIP17126**

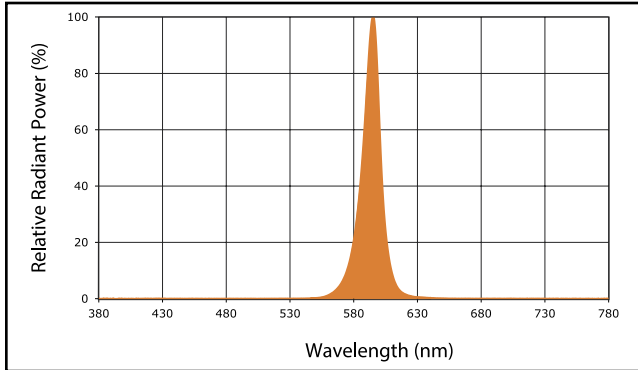
**Replacement Parts (Order Separately, Field Installed)**

- AIP17125** Internal Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See AIP17125 Spec. Page for Details.
- AIBORBASE** Die Cast Base Plate with Black Powdercoat Finish Over a Chromate Conversion Coating.
- AIBOADP1** Adapter Plate with Gaskets for Outlet Boxes. Fits Atlantic Round Bollards. Die Cast with Bronze Powdercoat Finish.

For Replacement Battery Backup, see the Atlantic LED Battery Backup Specification Sheet.



## Spectral Chart



## Projected Lumen Maintenance

Data shown for Amber LEDs TM-21-11	Input Watts	Compare to MH				Calculated LED Life
		Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	
<b>L70 Lumen Maintenance @ 25°C / 77°F</b>	17	1.00	0.95	0.90	0.80	147,000
<b>L70 Lumen Maintenance @ 50°C / 122°F</b>		1.00	0.89	0.78	0.55	67,000
<b>L80 Lumen Maintenance @ 40°C / 104°F</b>		1.00	0.92	0.85	0.70	66,000

**NOTES:**

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.