

Amber Stainless Steel Bollards



L70
25°C **147,000 Hours**



LED Cone Reflector
AIBOWRLQ



Shown with "S3" Sensor



Shown with GFCI

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.

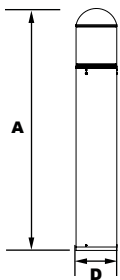
Controls:

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.



Dimensions

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

Amber



Certification #2018-001

Project Information:

Project Name: _____	Fixture Type: _____
Complete Catalog #: _____	Date: _____
Comments: _____	

Certification & Listings:



ATLANTIC Solutions
By Atlantic Industrial



Order Information Example:

AIBOWRLQF1X15UAMSSSF

	F	1X15	U	AM	SS	
Model	Optics	Wattage	Driver	CCT	Color	Options
AIBOWRLQ=Round Dome Bollard with LED Cone Reflector and 270° Shield AIBOWLQ=Round Dome Bollard with Louvers and 270° Shield	F=Wide Beam Spread	1X15=15w	U=120-277V	AM=Amber	SS=Stainless Steel	SF =Single Fuse* DF =Double Fuse* SP =Surge Protection GF1 =GFCI Outlet, 15A, 120V S3 =Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See AIP17121 Spec. Page for Details. BU =Battery Backup, 90 Minutes* BUC =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)

Accessories (Order Separately, Field Installed)

AIP17122	Remote Programming Tool for AIP17121
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AIP17122

Replacement Parts (Order Separately, Field Installed)

AIP17121	Internal Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See AIP17121 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.

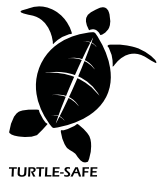


AIP17121 AIBORBASE AIBOADP1



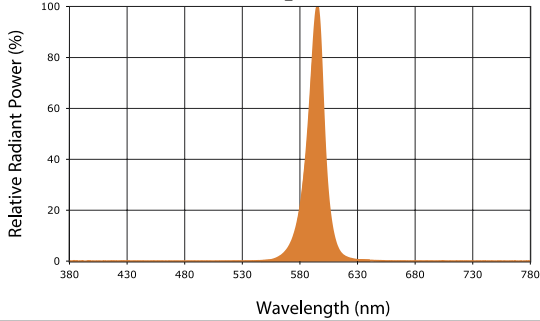
AIBOLAN AIBREBASE*

*Shown Mounted



Photometric Data

Amber LED - Spectral Chart



Projected Lumen Maintenance

Data shown for Amber LEDs		Compare to MH				
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	17	1.00	0.95	0.90	0.80	147,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
L70 Lumen Maintenance @ 50°C / 122°F	17	1.00	0.89	0.78	0.55	67,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
L80 Lumen Maintenance @ 40°C / 104°F	17	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 116mA 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.