

1800K CCT LED Stainless Steel Bollards



L70
25°C

147,000 Hours



NEW Soft Shine Low Glare White Cone Reflector
Daytime View Nighttime View



LED Cone Reflector
AIBORLQ



Louvers
AIBOLQ



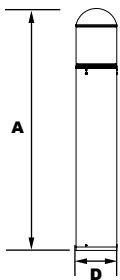
SoftLED LumaLens
Opal Array Lens



Shown with "S5" Sensor



Shown with GFCI



Dimensions

Diameter (D)	7" (178mm)
Height (A)	41¼" (1,060mm)

The Atlantic **1800K CCT LED** bollards are the latest alternative to Low Pressure Sodium (LPS) designed for dark sky preservation without loss of lumens. These fixtures are ideal for retail centers, industrial parks, schools and universities, public transit and airports, 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.

Listing & Ratings:

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

Style:

Specially Designed Cone Reflector or Internal Louvers

Lens:

Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens or SoftLED LumaLens UV-Stabilized Polycarbonate Opal Vandal-Resistant Lens

Mounting Options:

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

1800K CCT LED:

Aluminum Boards. Delivers 1800K CCT and can be successfully applied on projects requiring a nominal CCT range of 1700K to 2200K CCT. See Page 4 for Spectral Chart.

Wattage:

Array: 15w, System: 16.5w; (35w SOX 1800K CCT LED)

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 4 for Projected Lumen Maintenance Table.

Project Information:

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

Certification & Listings:



ATLANTIC Solutions
By Atlantic Industrial

Specifications subject to change without notice. Rev. 111822

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Order Information Example:

AIBORLQF1X15UHASSSF

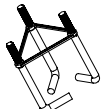
	F	1X15	U	HA		SS	
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
AIBORWQ =1800K CCT LED Round Dome Bollard with Soft Shine Low Glare White Cone Reflector AIBORLQ =1800K CCT LED Round Dome Bollard with LED Cone Reflector AIBOLQ =1800K CCT LED Round Dome Bollard with Louvers	F =Wide Beam Spread	1X15 =15w	U =120-277V	HA =1800K	(Leave Blank) = Clear Lens L =SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens* *White Cone Reflector Only	SS =Stainless Steel	SF =Single Fuse* DF =Double Fuse* SP =Surge Protection GF1 =GFCI Outlet, 15A, 120V GSB =180° Glare Shield, Black GSZ =180° Glare Shield, Bronze GSC =180° Glare Shield, Custom Color (Consult Factory) S5 =Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See AIP17125 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)



AIBOLAN



AIBREBASE*

*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.
AIBOLPC	Replacement Round UV-Stabilized Polycarbonate Vandal-Resistant Lens
AIBOLPCLL	Replacement SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens
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.

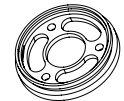
For Replacement Battery Backup, see the Atlantic LED Battery Backup Specification Sheet.



AIP17125



AIBOLPC,
AIBOLPCLL



AIBORBASE



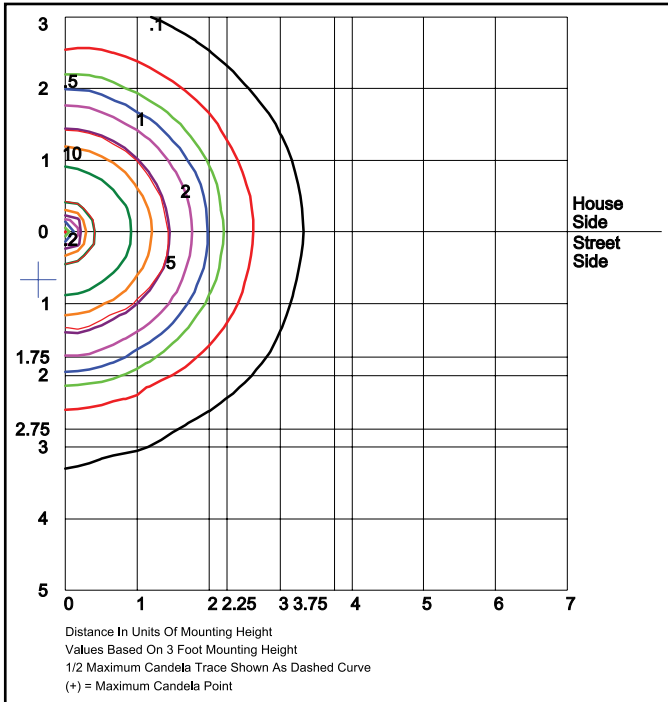
AIBOADP1

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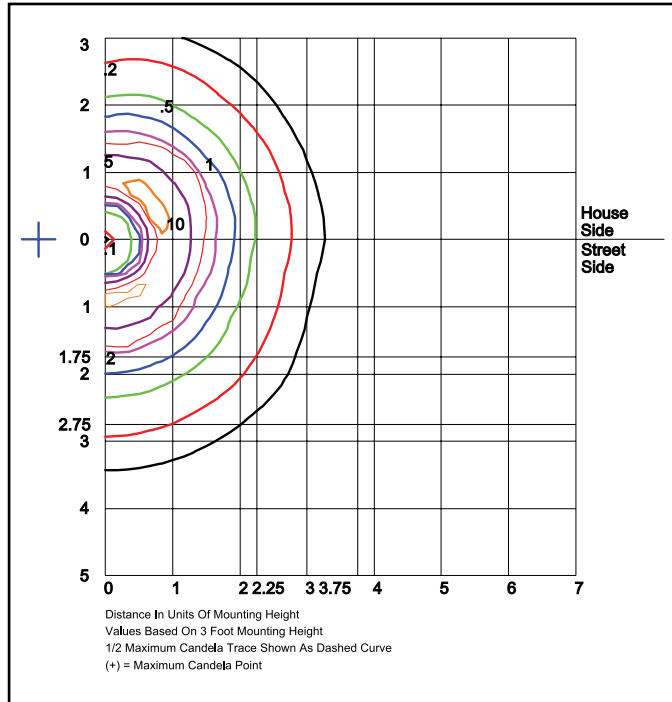
Photometric Data



AIBORWQF1X15UHA & AIBORLQF1X5UHA

Type V

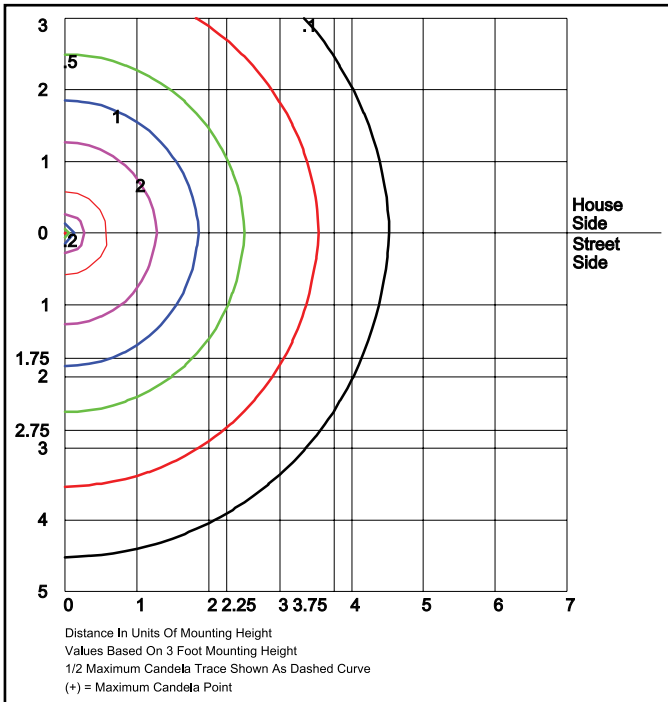
Grid in feet, Mounting Height = 3 ft.



AIBOLQF1X15UHA

Type V

Grid in feet, Mounting Height = 3 ft.



AIBORWQF1X15UHAL, LumaLens

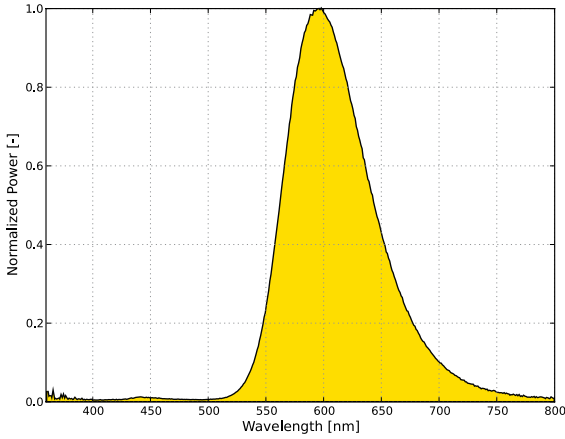
Type V

Grid in feet, Mounting Height = 3 ft.

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Spectral Chart



1800K CCT LEDs provide the same visual light output as traditional Low Pressure Sodium systems, but provide substantially reduced energy and maintenance costs, and increased lifespan and lumen maintenance values.

1800K CCT LED: Dominant Wavelength 588.8-592.6
Low Pressure Sodium Wavelength: 589 and 589.6

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	1800K CCT LED				
				Lumens	LPW	B	U	G
1800K CCT LED 15w	116	17	Cone Reflectors	1,178	69	1	3	1
			AIBOL Louvers	595	35	0	2	0

Projected Lumen Maintenance

Data shown for 1800K CCT LED			Compare to LPS			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
L70 Lumen Maintenance @ 25°C / 77°F	17	1.00	0.95	0.90	0.80	147,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.89	0.78	0.55	67,000
L80 Lumen Maintenance @ 40°C / 104°F		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 LPS box indicates suggested Light Loss Factor (LLF) to be used when comparing to Low Pressure Sodium (LPS) systems.