

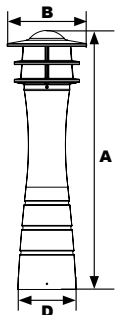
**AIB10Q** | L70  
25°C | 106,000 Hours

**Amber LED Hatteras Bollard,  
Seaside Series**



AIB10Q with  
Opal LumaLens

AIB10Q with Clear Lens  
and White Cone Reflector



**Dimensions**

<b>Diameter 1 (B)</b>	11" (278mm)
<b>Diameter 2 (D)</b>	8 1/2" (206mm)
<b>Height (A)</b>	36" (915mm)

The Atlantic AIB10Q Amber LED Bollard with UV-stabilized polycarbonate lenses and sealed optical compartments is designed for wildlife, dark skies, or security applications requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required for wildlife protection. 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:**

Cast Aluminum Housing with Flush Mounting Base & Vandal-Resistant Screws, Internal Driver Tray for Easy Maintenance.

**Listing & Ratings:**

ETL: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment.

**Finish:**

Textured Architectural Bronze or Black Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

**Reflector:**

Reflective White UV-Stabilized Polycarbonate Cone Reflector

**Lens:**

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

**Mounting Options:**

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

**Amber LED:**

Aluminum Boards

**Wattage:**

Array: 19w, System: 21.4w

**Driver:**

Electronic Driver, 120-277V, 50/60Hz or 347V, 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 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 -20°C to +40°C Environment.

See Page 4 for Projected Lumen Maintenance Table.

**Amber**

**Project Information:**

Project Name: \_\_\_\_\_ Fixture Type: \_\_\_\_\_

Complete Catalog #: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_

**Certification & Listings:**



Order Information Example:		AIB10QF1X19UAMCBSF					
AIB10Q	F	1X19		AM			
Model	Optic	Wattage	Driver	CCT	Lens	Color	Options
AIB10Q=Amber LED Hatteras Bollard	F=Wide Beam Spread	1X19=19w	U=120-277V C=347V	AM=1400K	C=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens L=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens	B=Black C=Custom (Consult Factory)	SF=Single Fuse* DF=Double Fuse* SP=Surge Protection 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. 11½" Dia. x 1½" H

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



AIBOLAN AIBREBASE\*

\*Shown Mounted

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

AIBORBASE\* Die Cast Base Plate with Powdercoat Finish Over a Chromate Conversion Coating.

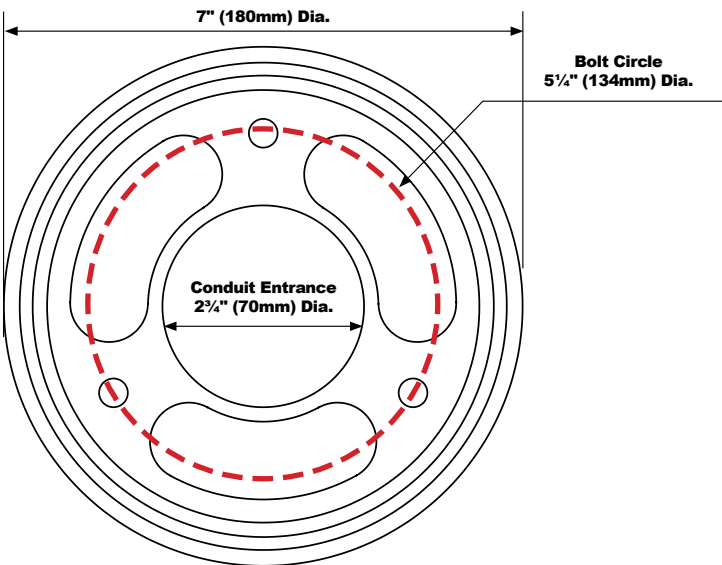
\*Specify Color: Z=Bronze, B=Black

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

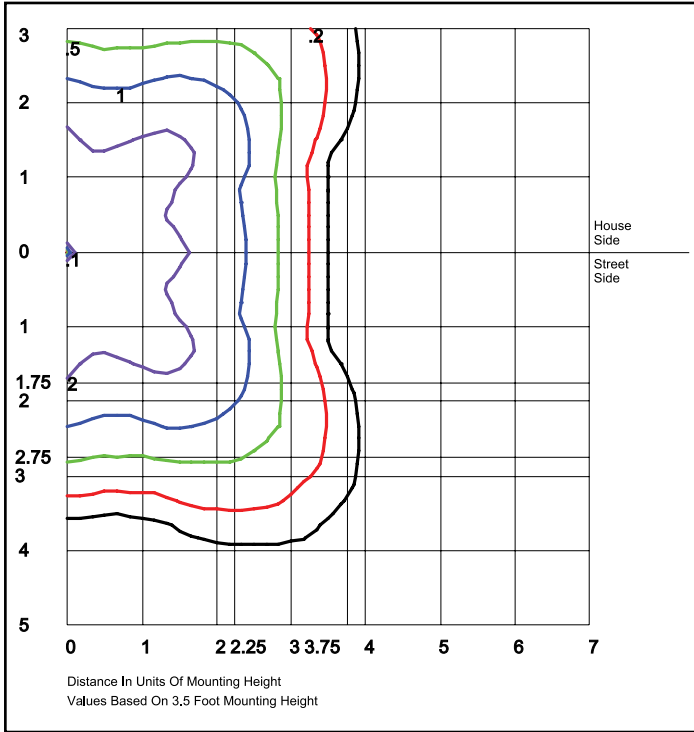


AIBORBASE

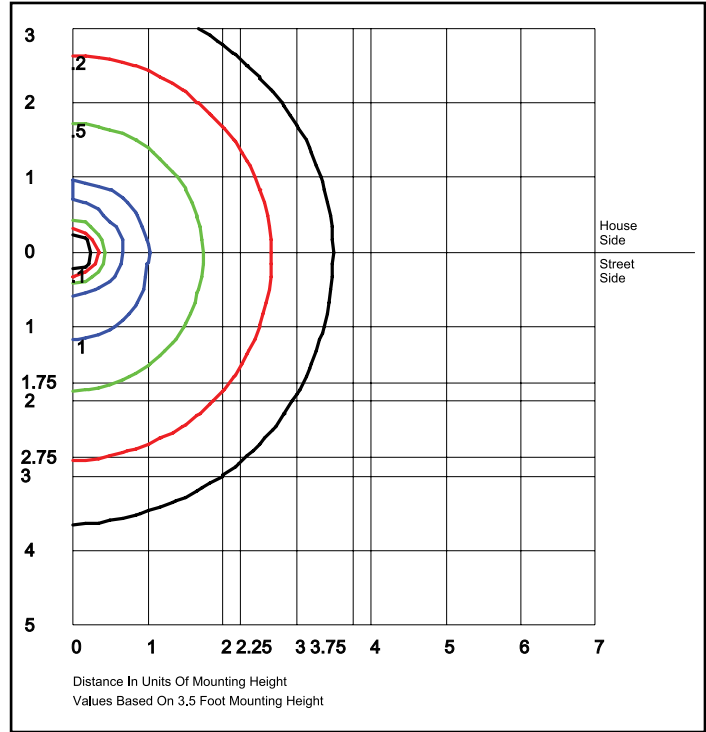
**AIBORBASE Dimensions**



**Photometric Data**

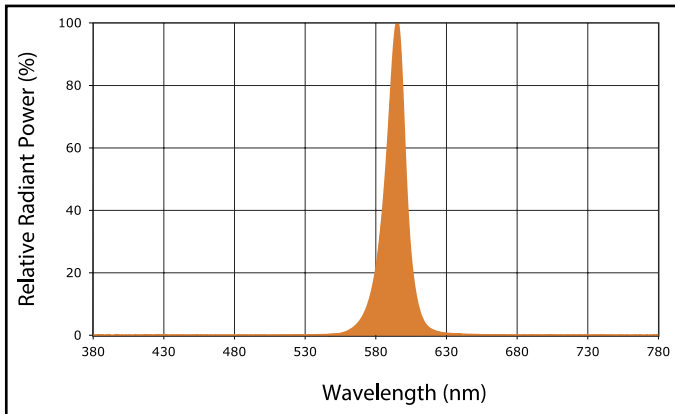


**AIB10QF1X19UAMC**  
Type V, Clear Lens  
Grid in feet, Mounting Height = 3.5 ft.



**AIB10QF1X19UAML**  
Type V, LumaLens  
Grid in feet, Mounting Height = 3.5 ft.

**Spectral Chart**



**Photometric Performance**

Wattage (Catalog Logic)		19W (1X19)
Input Watts		21.4W
Optic	CCT	Delivered Lumens
<b>AIB10 with Clear Polycarbonate Lens F=Type V Optic</b>	Amber	721
	BUG Rating	B1-U0-G0
<b>AIB10 with LumaLens F=Type V Optic</b>	Amber	460
	BUG Rating	B0-U3-G1

**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 LED Life
<b>L70 Lumen Maintenance @ 25°C / 77°F</b>	21.4w	1.00	0.93	0.86	0.72	106,000
<b>L70 Lumen Maintenance @ 50°C / 122°F</b>		1.00	0.91	0.83	0.66	88,000
<b>L80 Lumen Maintenance @ 40°C / 104°F</b>		1.00	0.92	0.84	0.67	61,000

- 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.