

**AIB12Q** | L70  
25°C | 147,000 Hours  
**LED Triangle Bollard, Contemporary Series**



The Atlantic LED Triangle Bollard with choice of lenses is designed to replace HID lighting systems up to 50w MH or HPS. The triangular shape provides a slender and unobtrusive appearance for pedestrian and parking area lighting for office parks, educational and medical facilities, multi-family housing, walkways and landscape accents.

**Specifications and Features:**

**Housing:**

Extruded Aluminum Housing with Flush Mounting Base, Flat Top. Bollards Can Be Cut to Custom Lengths Upon Request.

**Listing & Ratings:**

CSA: 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.

**Style:**

Specially Designed White Cone Reflector that Minimizes Diode Brightness

**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.

**LED:**

Aluminum Boards

**Wattage:**

Array: 12w, System: 11.8w; (50w 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.

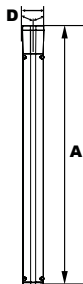
**Controls:**

Fixtures are NOT Designed for Use with Line Voltage Dimmers.

**Warranty:**

5-Year Warranty for -40°C to +50°C Environment.

See Page 3 for Projected Lumen Maintenance Table.



**Dimensions**

<b>Length<sup>3</sup> (D)</b>	3½" (90mm)
<b>Height (A)</b>	43¼" (1099mm)

**Project Information:**

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

**Certification & Listings:**

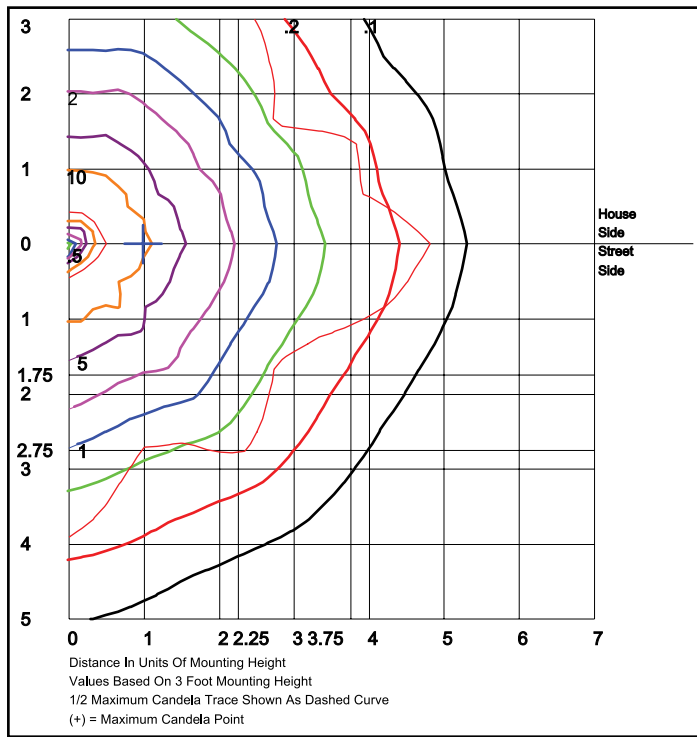


Specifications subject to change without notice. Rev. 041621

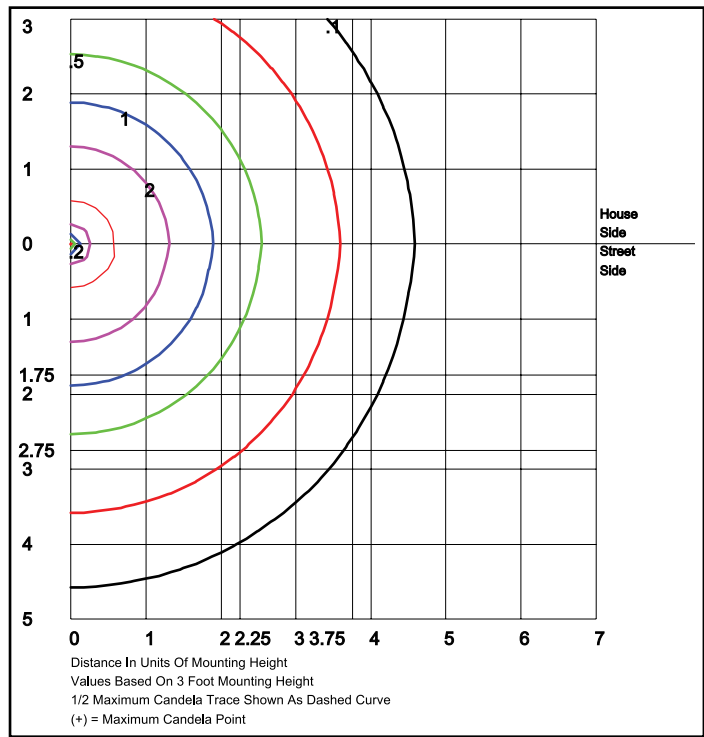
**Order Information Example:** AIB12QF1X12U5KCZ30SP

AIB12Q	F	1X12	U					
Model	Optic	Wattage	Driver	CCT	Lens	Color	Height	Options
AIB12Q=LED Triangle Bollard, Contemporary Series	F=Wide Beam Spread	1X12=12w	U=120-277V	3K=3000K 4K=4000K 5K=5000K	C=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens L=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens	Z=Bronze B=Black C=Custom (Consult Factory)	(Leave Blank)= 43 1/4" Standard Height 36=36" Height 30=30" Height C=Custom* *Consult Factory. 15" Minimum.	SF=Single Fuse* DF=Double Fuse* SP=Surge Protection *120-277V Models Only.

**Photometric Data**



**AIB12QF1X12U5KC**  
**Type V, Clear Lens**  
Grid in feet, Mounting Height = 3 ft.



**AIB12QF1X12U5KL**  
**Type V, LumaLens**  
Grid in feet, Mounting Height = 3 ft.

**Photometric Performance**

Optic	Wattage (Catalog Logic)	12W (1X16)
	Input Watts	11.8W
	CCT	Delivered Lumens
<b>AIB12 with Clear Lens F=Type V Optic</b>	3000K	1,221
	4000K	1,271
	5000K	1,320
	BUG Rating	B1-U3-G1
<b>AIB12 with LumaLens F=Type V Optic</b>	3000K	780
	4000K	812
	5000K	843
	BUG Rating	B0-U3-G1

**Projected Lumen Maintenance**

Data shown for 5000 CCT		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>	All wattages up to and including 12w	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:**
- 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.
  - Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.