

# Allora Round & Square Wall Sconces

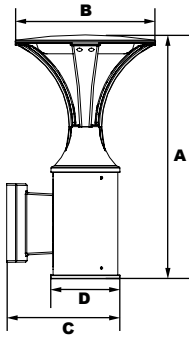
**L70**  
25°C **187,000 Hours**



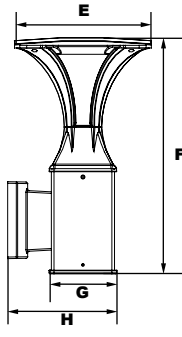
Shown with Battery Backup Option

AIWBB3Q - Allora Round Wall Sconce

AIWBB4Q - Allora Square Wall Sconce



AIWBB3Q



AIWBB4Q

### AIWBB3Q Dimensions

Width (B)	10 1/4" (260mm)
Height (A)	17 3/4" (452mm)
Diameter (D)	5" (127mm)
Length (C)	8 1/4" (207mm)

### AIWBB4Q Dimensions

Width (E)	10 1/4" (260mm)
Height (F)	17 3/4" (449mm)
Diameter (G)	5" (128mm)
Length (H)	8 1/4" (207mm)

## LED Technology

The Atlantic AIWBB3Q and AIWBB4Q LED Allora Cutoff Architectural Wall Sconces provide controlled down lighting with a uniform distribution designed to replace HID lighting systems up to 70w MH or HPS. Typical wall mounted lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 8 to 16 feet can be used based on light level and uniformity requirements.

### Specifications and Features:

#### Housing:

Die Cast Aluminum Housing with Flush Mount Easy-Hang Wall Bracket, Built-In Level, Flat Top, Sealed Driver Compartment. Photocell Adaptable.

#### 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.

#### Lens:

Clear UV-Stabilized Polycarbonate or SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Inner Lens to Seal LED Array.

#### Mounting Options:

Mount over a 4" Recessed Outlet Box.

#### LED:

Aluminum Boards

#### Wattage:

Array: 16.6w, System: 18.1w; (70w HID Equivalent)  
Array: 25w, System: 27.2w; (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 Photocell or 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.

#### Battery Backup:

Battery Backup Option Includes Accessory Housing (Ships Separately). Empty Accessory Housing is Available For Use When a Uniform Building Aesthetic is Desired.

#### Warranty:

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

See Page 3 for Projected Lumen Maintenance Table.

### Order Information Example:

AIWBB4QF1X16U5KCZSP

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
AIWBB3Q=Allora Round Wall Sconce AIWBB4Q=Allora Square Wall Sconce	F=Wide Beam Spread	1X16=16w 1X25=25w	U=120-277V	4K=4000K 5K=5000K	C=Clear UV-Stabilized Polycarbonate Array Lens L=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens	Z=Bronze B=Black C=Custom (Consult Factory)	SF=Single Fuse DF=Double Fuse SP=Surge Protection PC1=Photocell, 120VAC PC3=Photocell, 120-277VAC BU4=Battery Backup, 90 Minutes

### Project Information:

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

### Certification & Listings:



Specifications subject to change without notice. Rev. 090220

**Accessories & Replacement Parts:**



**AIACCHSG4**      **AIP18100 & AIP18103**

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

AIACCHSG4\* Empty Die Cast Accessory Housing, Powdercoat Finish

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

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

AIB3LL SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens

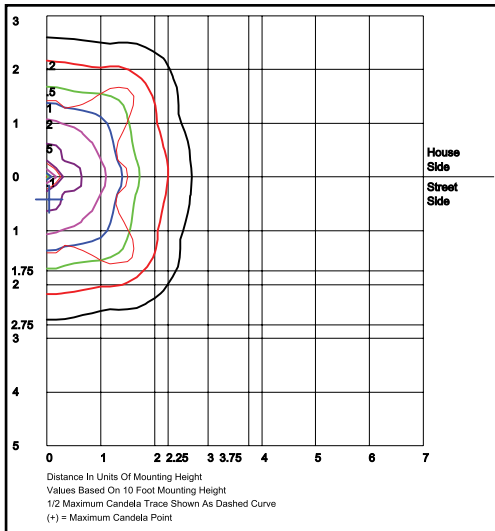
AIB4LL SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens

AIP18100 120VAC Photocell

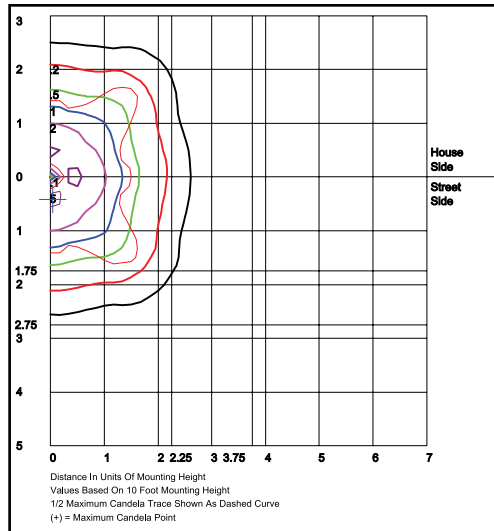
AIP18103 120-277VAC Photocell

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

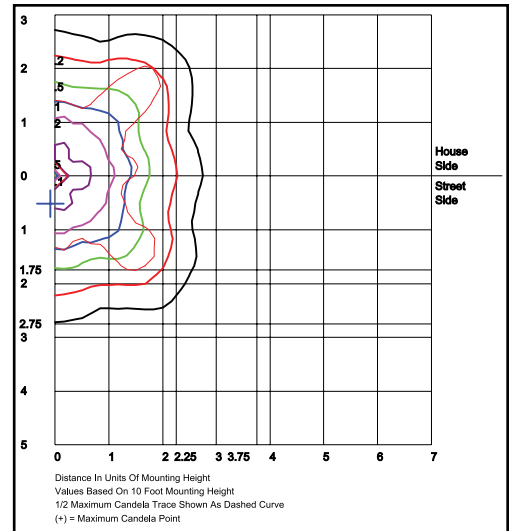
**Photometric Data**



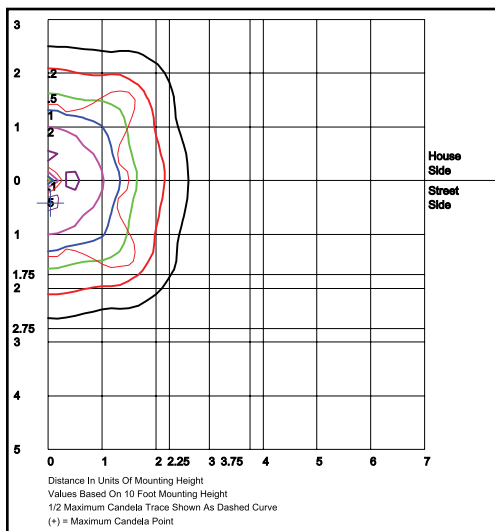
**AIWBB3QF1X25U5KC**  
Type V-Clear Glass



**AIWBB3QF1X25U5KL**  
Type V-LumaLens



**AIWBB4QF1X25U5KC**  
Type V-Clear Glass



**AIWBB4QF1X25U5KL**  
Type V-LumaLens

## Photometric Performance

Optic	Wattage (Catalog Logic)		Delivered Lumens	
	16W (1X16)	25W (1X25)	16W (1X16)	25W (1X25)
	Input Watts	18.1W	27.2W	
	CCT			
AIWBB3 with Clear Glass F=Type V Optic	4000K	1,662	2,493	
	5000K	1,731	2,597	
	BUG Rating	B1-U3-G1	B1-U3-G1	
AIWBB3 with LumaLens F=Type V Optic	4000K	1,457	2,185	
	5000K	1,517	2,276	
	BUG Rating	B1-U2-G1	B1-U3-G1	

Optic	Wattage (Catalog Logic)		Delivered Lumens	
	16W (1X16)	25W (1X25)	16W (1X16)	25W (1X25)
	Input Watts	18.1W	27.2W	
	CCT			
AIWBB4 with Clear Glass F=Type V Optic	4000K	1,740	2,610	
	5000K	1,813	2,719	
	BUG Rating	B1-U2-G1	B1-U3-G1	
AIWBB4 with LumaLens F=Type V Optic	4000K	1,525	2,288	
	5000K	1,589	2,383	
	BUG Rating	B1-U2-G1	B1-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 L70@ 25°C
AIWBB3 L70 Lumen Maintenance @ 25°C / 77°F	20	1.00	0.96	0.92	0.84	187,000
AIWBB4 L70 Lumen Maintenance @ 25°C / 77°F	20	1.00	0.96	0.92	0.84	187,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
AIWBB3 L70 Lumen Maintenance @ 50°C / 122°F	20	1.00	0.94	0.87	0.74	117,000
AIWBB4 L70 Lumen Maintenance @ 50°C / 122°F	20	1.00	0.93	0.87	0.73	113,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
AIWBB3 L80 Lumen Maintenance @ 40°C / 104°F	20	1.00	0.97	0.93	0.87	151,000
AIWBB4 L80 Lumen Maintenance @ 40°C / 104°F	20	1.00	0.97	0.93	0.86	144,000

### NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA 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.