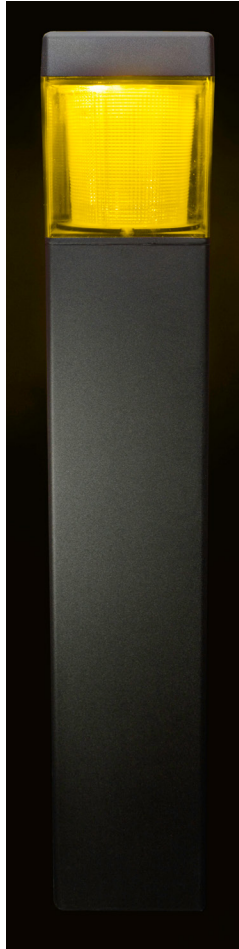


1800K CCT LED Square Flat Bollards



L70
25°C **147,000 Hours**



NEW Soft Shine Low Glare White Cone Reflector
Daytime View Nighttime View
(Dome Top Shown for Visual Concept)



Glass
AIBOSFGQ



LED Cone Reflector
AIBOSFRLQ



Square Louvers
AIBOSFLSQ



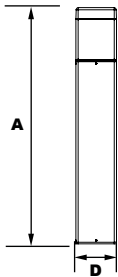
SoftLED LumaLens
Opal Array Lens



Shown with "S5"
Sensor



Shown with GFCI



Dimensions

| | |
|-------------------|-------------------|
| Length (D) | 7" (177mm) |
| Height (A) | 41 1/8" (1,051mm) |

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:

Extruded Aluminum Housing with Flush Mounting Base & Vandal-Resistant Screws, Flat Top, Internal Ballast Tray for Easy Maintenance. Bollards Can Be Cut to Custom Lengths Upon Request.

Listing & Ratings:

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

Finish:

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

Style:

Clear Prismatic Borosilicate Glass Refractor, 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 3 for Projected Lumen Maintenance Table.

Project Information:

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

Certification & Listings:



Specifications subject to change without notice. Rev. 111822

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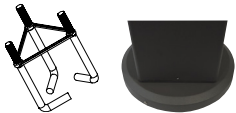
Order Information Example:

AIBOSFRLQF1X15UHAZ36SF

| Model | Optics | Wattage | Driver | CCT | Lens | Color | Height | Options |
|---|----------------------------|------------------|--------------------|------------------|---|---|--|--|
| AIBOSFRWQ =1800K CCT LED Square Flat Bollard with Soft Shine Low Glare White Cone Reflector AIBOSFRLQ =1800K CCT LED Square Flat Bollard with LED Cone Reflector AIBOSFGQ =1800K CCT LED Square Flat Bollard with Glass AIBOSFLSQ =1800K CCT LED Square Flat Bollard with Square 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 | Z =Bronze B =Black C =Custom (Consult Factory) | (Leave Blank) = 42" Standard Height 36 =36" Height 30 =30" Height | SF =Single Fuse* DF =Double Fuse* SP =Surge Protection GF1 =GFCI Outlet, 15A, 120V PC3 =Photocell, 120-277VAC 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) | |
|--|--|
| AIP18103 | 120-277VAC Photocell |
| AIP17125 | Internal Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See AIP17125 Spec. Page for Details. |
| AIBOSPC | Replacement Square UV-Stabilized Polycarbonate Vandal-Resistant Lens |
| AIBOSPCLL | Replacement SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens |
| AIBOSBASE* | Die Cast Base Plate with Powdercoat Finish Over a Chromate Conversion Coating. |
| *Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory) | |
| For Replacement Battery Backup, see the Atlantic LED Battery Backup Specification Sheet. | |

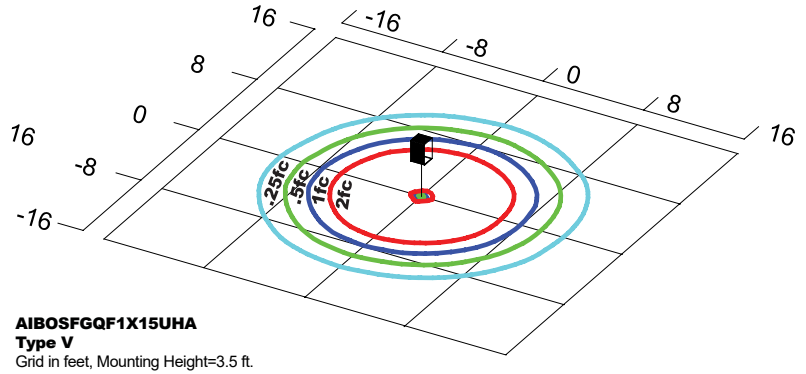
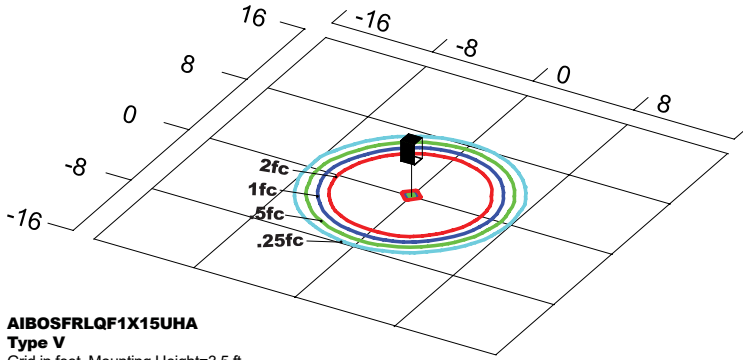


AIP18103 AIP17125 AIBOSPC, AIBOSPCLL AIBOSBASE

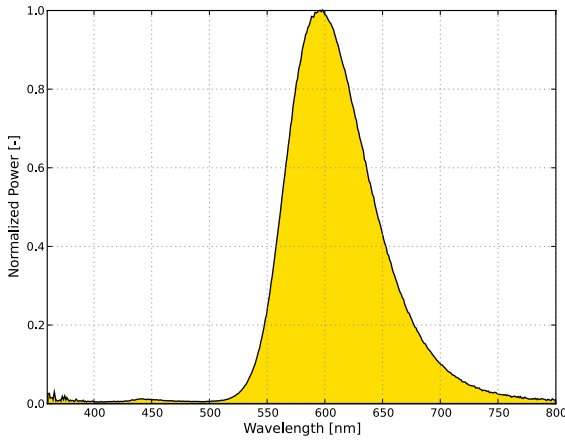
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25°C **147,000 Hours**

Photometric Data



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 |
| | | | AIBOSFG Glass | 883 | 52 | 1 | 3 | 1 |
| | | | AIBOSFL 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.