AccessFixtures
High-Performance Lighting Solutions

EXTREME LIFE LED Technology

ARIE Round & Square Bollard Lights

ARIE Round and Square bollard lights feature full cutoff optics, a UV- stabilized opal polycarbonate lens, sealed optical compartments, and EXTREME LIFE LED technology to provide maintenance free illumination in an architecturally innovation design.

AF33XAFRB20Q

ADF33XAFSB20Q

L70 25°C **187,000 Hours**

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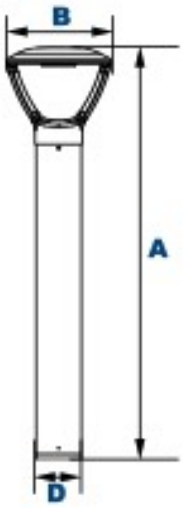

Shown with GFCI

Dimensions

Width (B)	11″ (280mm)
Diameter (D)	4¾″ (120mm)
Height (A)	42″ (1,067mm)

Specifications and Features:

Housing:
Extruded Aluminum Housing with Flush Mounting Base, Sand Cast Twin Arm Head, Sealed Driver Compartment.

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:
Opal UV-Stabilized Polycarbonate Vandal-Resistant Inner Lens to Seal LED Array.

Mounting Options:
Mounting Kit with 8″ Anchor Bolts, Included.

LED:
Aluminum Boards

Wattage:
Array: 16.5w, System: 19w; (70w HID Equivalent)

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 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 different controls, but May Not Function Properly With All Controls. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

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

See Page 2 for Projected Lumen Maintenance Table.

Order Information Example: AF33XAFRB20QF1X17U5KLBGF1

	F	1X17			L			
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**	**Height**	**Options**
AF33XAFRB20Q = ARIE Round Bollard **AF33XAFSB20Q** = ARIE Square Bollard	**F**=Wide Beam Spread	**1X17**=17w	**U**=120-277V **C**=347V	**3K**=3000K **4K**=4000K **5K**=5000K	**L**=SoftLED Opal UV-Stabilized Polycarbonate Array Lens	**Z**=Bronze **B**=Black **C**=Custom (Consult Factory)	**(Leave Blank)**= 42″ Standard Height **36**=36″ Height **30**=30″ Height	**GF1**=GFCI Outlet, 15A, 120V **S3**=Internal Microwave Sensor (120-277V Only)

Project Information:

Project Name: | Fixture Type:

Complete Catalog #: | Date:

Comments:

Certification & Listings:

IP66

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Specifications subject to change without notice. Rev. 032420

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Accessories & Replacement Parts:

AF33XBREBASE*

AF33XP17122

AF33XP17121

AF33XBOADP1

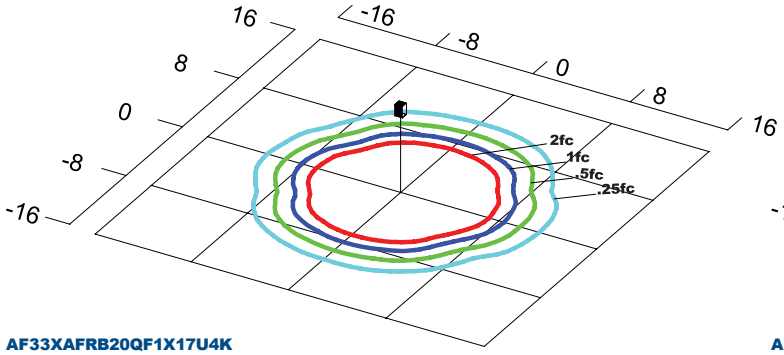
*Shown Mounted

Mounting Accessories (Order Separately, Field Installed)	
AF33XBREBASE*	Bollard Retrofit Base Kit Adapts New Bollards to Many Access Fixtures Bollards. Die Cast with Powdercoat Finish, Hardware Included. 11½″ Dia. x 1½″ H
*Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory)	

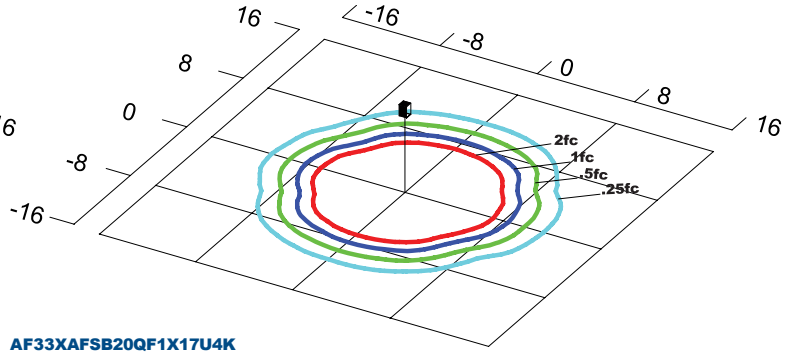
Accessories (Order Separately, Field Installed)	
AF33XP17122	Remote Programming Tool

Replacement Parts (Order Separately, Field Installed)	
AF33XP17121	Internal Microwave Sensor (120-277V)
AF33XBOADP1	Adapter Plate with Gaskets for Outlet Boxes. Die Cast with Bronze Powdercoat Finish.

Photometric Data



AF33XAFRB20QF1X17U4K
Type V
Grid in feet, Mounting Height = 3.5 ft.



AF33XAFSB20QF1X17U4K
Type V
Grid in feet, Mounting Height = 3.5 ft.

Photometric Performance

				4000 CCT 70 CRI				
LED Board Watts	Drive Current (mA)	Input Watts	Optics	Lumens	LPW	B	U	G
LED 17w	125	20	Type V Opal Lens	2,081	106	1	1	0

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
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
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
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 125mA 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.