AccessFixtures
High-Performance Lighting Solutions

PC Amber - Extreme Life

CONA & LUVO

PC Amber Stainless Bollards

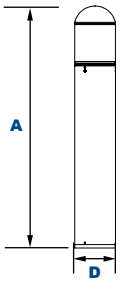
L70 25°C 147,000 Hours

LED Cone Reflector
AF33XBORLQ

Shown with "S3" Sensor

Louvers
AF33X
BOLQ

Shown with GFCI



Dimensions	
Diameter (D)	7″ (178mm)
Height (A)	41¾″ (1,060mm)

The CONA and LUVO stainless steel PC Amber Bollards are designed to provide a direct 1-to-1 replacement for 35w Low Pressure Sodium (LPS) lighting systems.

Specifications and Features:

Housing:
Formed 316L Stainless Steel Housing with Flush Mounting Base & Vandal-Resistant Screws, Domed Top, Internal Ballast Tray for Easy Maintenance.

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

Style:
Specially Designed Cone Reflector or Internal Louvers

Lens:
Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens

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

PC Amber LED:
Aluminum Boards

Wattage:
Array: 15w, System: 16.5w; (35w SOX LPS Replacement)

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.

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

See Page 2 for Projected Lumen Maintenance Table.

Order Information Example: AF33XBORLQF1X15UHASS36SF

	F	1X15	U	HA	SS		
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Color**	**Height**	**Options**
AF33XBORLQ=HiLumen Amber Round Dome Bollard with LED Cone Reflector **AF33XBORWQ**=HiLumen Amber Round Dome Bollard with White LED Cone Reflector **AF33XBOLQ**=HiLumen Amber Round Dome Bollard with Louvers	**F**=Wide Beam Spread	**1X15**=15w	**U**=120-277V	**HA**=HiLumen Amber	**SS**=Stainless Steel	**(Leave Blank)**= 42" Standard Height **36**=36" Height **30**=30" Height	**SF**=Single Fuse (120-277V Only) **DF**=Double Fuse (120-277V Only) **SP**=Surge Protection **GF1**=GFCI Outlet, 15A, 120V **GSB**=180° Glare Shield, Black **GSZ**=180° Glare Shield, Bronze **GSC**=180° Glare Shield, Custom Color (Consult Factory) **S3**=Internal Microwave Sensor (120-277V Only) **BU**=Battery Backup, 90 Minutes

Project Information:

Project Name: Fixture Type:

Complete Catalog #: Date:

Comments:

Certification & Listings:

IP65

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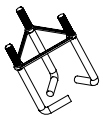
Accessories & Replacement Parts:

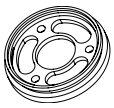

AF33X**BOLAN**


AF33X**BREBASE***


AF33X**P17122**


AF33X**P17121**


AF33X**BOLPC**

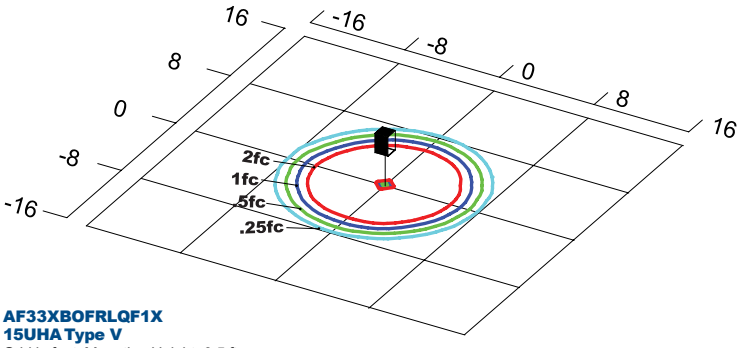

AF33X**BORBASE**

Mounting Accessories (Order Separately, Field Installed)
AF33XBOLAN4 Mounting Kit, Includes Bracket & Three (3) 4″ Anchor Bolts
AF33XBOLAN8 Mounting Kit, Includes Bracket & Three (3) 8″ Anchor Bolts
AF33XBOLAN12 Mounting Kit, Includes Bracket & Three (3) 12″ Anchor Bolts
AF33XBOLAN15 Mounting Kit, Includes Bracket & Three (3) 15″ Anchor Bolts
AF33XBREBASE* Bollard Retrofit Base Kit Adapts New Bollards to Most Existing Bolt Patterns. Fits all AF 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 Only)
AF33XBOLPC Replacement Round UV-Stabilized Polycarbonate Vandal-Resistant Lens
AF33XBORBASE* Die Cast Base Plate with Powdercoat Finish Over a Chromate Conversion Coating.
AF33XBOADP1 Adapter Plate with Gaskets for Outlet Boxes. Fits Round Bollards. Die Cast with Bronze Powdercoat Finish.
*Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory)

Photometric Data

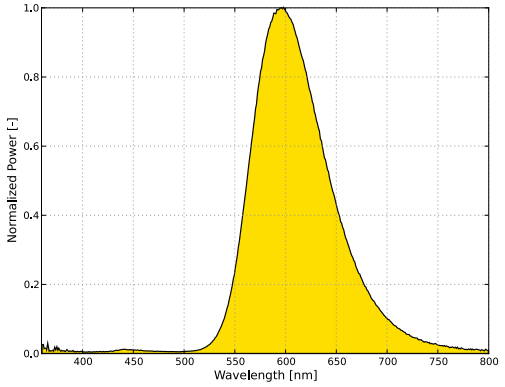


AF33XBOFRLQF1X
15UHA Type V
Grid in feet, Mounting Height=3.5 ft.

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	HiLumen Amber Lumens	LPW	B	U	G
PC Amber 15w	116	17	Louvers	595	35	0	2	0
			Cone Reflectors	1,178	69	1	3	1

Spectral Chart



Projected Lumen Maintenance

Data shown for HiLumen Amber			Compare to LPS			
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	17	1.00	0.95	0.90	0.80	147,000
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	17	1.00	0.89	0.78	0.55	67,000
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	17	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 116mA 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.