

CONA & LUVO Amber Stainless Steel Bollards

L70
25°C **147,000 Hours**

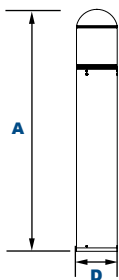


BOLRM

**LED Cone Reflector
AF33XBORLQ**



**Louvers
AF33X
BOLQ**



Dimensions

Diameter (D)	7" (178mm)
Height (A)	41¼" (1,060mm)

Access Fixtures CONA and LUVO stainless steel turtle and wildlife bollard lights are designed to replace HID lighting systems up to 70w MH or HPS for wildlife or security applications requiring monochromatic AMBER light. LEDs operate between 585 and 595nm, greater than 560nm required for wildlife protection. 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:

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:

Specialty Designed Aluminum Cone Reflector or Internal Louvers

Lens:

Clear Polycarbonate Vandal-Resistant Lens

Mounting Options:

Mounting Kit with 8" Anchor Bolts, Included.

AmberLED:

Aluminum Boards

Wattage:

Array: 14.5w, System: 17w; (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.

Warranty:

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

See Page 2 for Projected Lumen Maintenance Table.

AmberLED

Order Information Example:

AF33XBORLQF1X15UAMSS36SF

	F	1X15	U	AM	SS		
Model	Optics	Wattage	Driver	CCT	Color	Height	Options
AF33XBORLQ =Round Dome Bollard with LED Cone Reflector	F =Wide Beam Spread	1X15 =15w	U =120-277V	AM =Amber	SS =Stainless Steel	(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 GSB =180° Glare Shield, Black GSZ =180° Glare Shield, Bronze GSC =180° Glare Shield, Custom Color, Consult Factory BU =Battery Backup, 90 Minutes
AF33XBOLQ =Round Dome Bollard with Louvers							

Project Information:

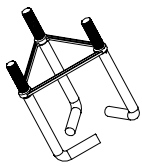
Project Name: _____ Fixture Type: _____
 Complete Catalog #: _____ Date: _____
 Comments: _____

Certification & Listings:

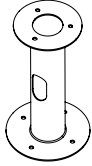


PRODUCTS GROUP

Accessories & Replacement Parts:



AF33XBOLAN



AF33XBOLRM



AF33XBREBASE*



AF33XBOLPC



AF33XBOADP1

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

AF33XBOLAN4 Mounting Kit, Includes Bracket & Three (3) 4" AnchorBolts

AF33XBOLAN8 Mounting Kit, Includes Bracket & Three (3) 8" AnchorBolts

AF33XBOLAN12 Mounting Kit, Includes Bracket & Three (3) 12" AnchorBolts

AF33XBOLAN15 Mounting Kit, Includes Bracket & Three (3) 15" AnchorBolts

AF33XBOLRM Root Mount Kit

AF33XBREBASE* Bollard Retrofit Base Kit Adapts New Bollards to Most Existing Bolt Patterns. Fits all LEPG 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)

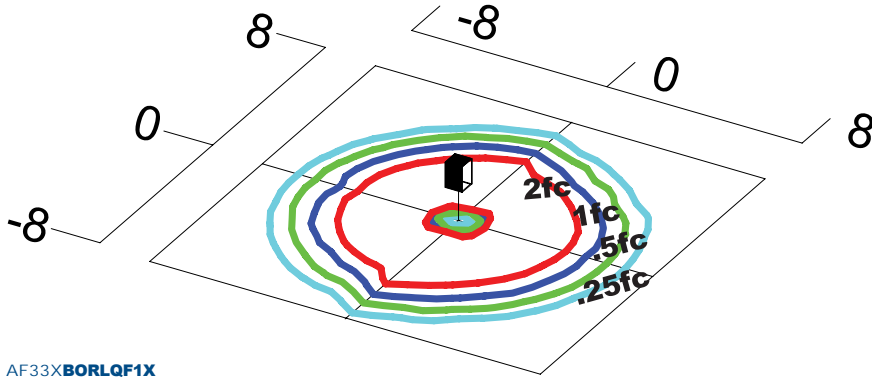
**Replacement Parts
(Order Separately, Field Installed)**

AF33XBOLPC Replacement Round Polycarbonate Vandal-Resistant Lens

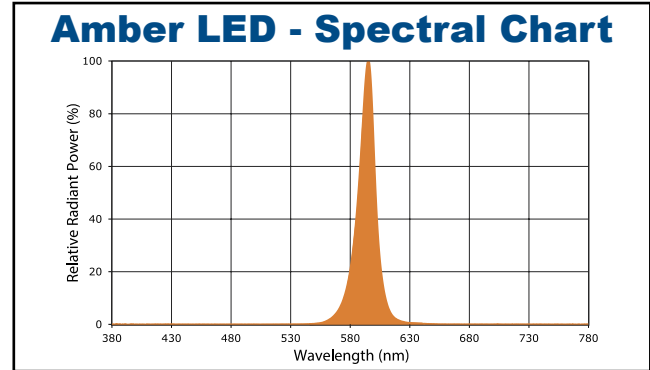
AF33XBOADP1 Adapter Plate with Gaskets for Outlet Boxes. Fits LEPG Round Bollards. Die Cast with Bronze Powdercoat Finish.

*Specify Color: Z=Bronze, B=Black

Photometric Data



AF33XBORLQF1X
15UAM Type V
Grid in feet, Mounting Height = 3.5 ft.



Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	Amber LEDs				
				Lumens	LPW	B	U	G
LED 15w Amber	116	17	LUVO	187	11	0	1	0
			CONA	360	21	0	2	0

Projected Lumen Maintenance

Data shown for Amber LEDs	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	TM-21-11	17	1.00	0.95	0.90	0.80	147,000
L70 Lumen Maintenance @ 50°C / 122°F	TM-21-11	17	1.00	0.89	0.78	0.55	67,000
L80 Lumen Maintenance @ 40°C / 104°F	TM-21-11	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 MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.