

ABOWFRLQ Series

AmberLED Round Flat Bollards



The LEPG AmberLED Round Flat Top Bollards are available with cone reflector or louvers with 270° glare shield, and are certified by the Florida Fish & Wildlife Conservation Commission (FWC) for wildlife applications that are directly visible from the shore requiring monochromatic AMBER light. LEDs operate between 585 and 595nm, greater than 560nm required by FWC. Typical applications include retail centers, hotels, residential, parks, schools and universities, 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. Includes 270° Shield Required to Maintain FWC Certification. 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: Specially 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.

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 LEPG Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.



Louvers
ABOWFLQ



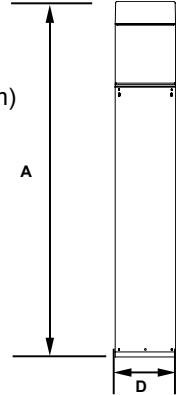
Shown with "S3"
Sensor



Shown with GFCI

Dimensions

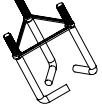

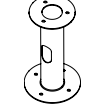
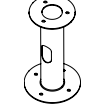


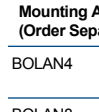
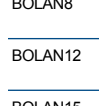
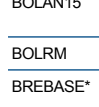
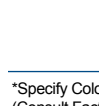
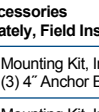
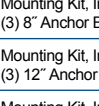
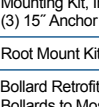
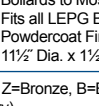
Diameter (D) | 7" (178mm)
Height (A) | 41 5/8" (1,057mm)



Order Information:

Model	Optics	Wattage	Driver	CCT	Color	Height	Options
	F=Wide Beam Spread	1X15=15w	U=120-277V	AM=Amber			
ABOWFRLQ= Round Flat Top Bollard with LED Cone Reflector and 270° Shield	F=Wide Beam Spread	1X15=15w	U=120-277V	AM=Amber	Z=Bronze B=Black C=Custom (Consult Factory)	(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 S3=Internal Microwave Sensor (120-277V Only) BU=Battery Backup, 90 Minutes
ABOWFLQ= Round Flat Top Bollard with Louvers and 270° Shield							

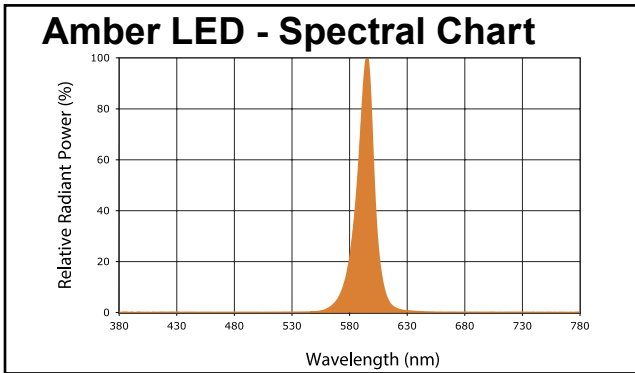
Accessories & Replacement Parts:

Mounting Accessories (Order Separately, Field Installed)		Accessories (Order Separately, Field Installed)		Replacement Parts (Order Separately, Field Installed)	
	BOLAN		P17122		P17121
	BOLRM		BORBASE		BREBASE*
	BOLAN4	P17122 Remote Programming Tool for P17121		P17121 Internal Microwave Sensor (120-277V Only)	
	BOLAN8			BORBASE* Die Cast Base Plate with Powdercoat Finish Over a Chromate Conversion Coating.	
	BOLAN12			BOADP1 Adapter Plate with Gaskets for Outlet Boxes. Fits LEPG Round Bollards. Die Cast with Bronze Powdercoat Finish.	
	BOLAN15			*Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory)	
	BOLRM			For Replacement Battery Backup, see the LEPG LED Battery Backup Specification Sheet.	
	BREBASE*				
	BOADP1				
	BOADP1				

*Shown Mounted

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

Photometric Data



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	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:

- 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.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.