

# EasyLED Round Flat Bollards

## FXBOFRWQ, FXBOFRLQ, FXBOFGQ & FXBOFLQ



SOFTLED • BOLLARD • PATHWAY LIGHTING

The FX Lighting EasyLED Round Flat Bollards with choice of optics and lenses are designed to replace HID lighting systems up to 70w MH or HPS. These fixtures are ideal for retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities.

### 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.

### EASYLED LED:

Aluminum Boards

### WATTAGE:

Array: 10w, System: 11.3w; (70w HID Equivalent)  
 Array: 14.5w, System: 17w; (70w HID Equivalent)  
 Array: 22w, System: 23.8w; (70w HID Equivalent)

### DRIVER

Electronic Driver, 120-277V, 50/60Hz or 347V, 50/60Hz (15w Only); 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 FX Lighting Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

### LIFESPAN:

L70>147,000 Hours

### WARRANTY:

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

See Page 3 for Projected Lumen Maintenance Table.



LED Cone Reflector  
FXBOFRLQ

Glass  
FXBOFGQ

Louvers  
FXBOFLQ

### AVAILABLE OPTIONS:

#### New Soft Shine Low Glare White Cone Reflector



Daytime View

Nighttime View

(Dome Top Shown for Visual Concept)



SoftLED LumaLens  
Opal Array Lens



Shown with GFCI



Shown with  
"S5" Sensor



Shown with 180°  
Glare Shield



### PROJECT INFORMATION:

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

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We have custom and standard manufacturing options. Use this form to build your part number or reach out to our sales team for assistance.

**GET YOUR PRODUCTS FASTER WITH OUR QUICK SHIP PROGRAM**

Multiple USA locations = 98-3-1 Quick Ship Program

98% Fill Rate – 3 Day Lead Time – 1 Piece Minimum Order

### ORDER EXAMPLE

FXBOFRLQ  
Series
F  
Optics
1X22  
Wattage
U  
Driver
5K  
CCT
L  
Lens
Z  
Color
36  
Height
SF  
Options

### ORDER CONFIGURATION

Series	Optics	Wattage	Driver	CCT	Lens	Color	Height	Options
<b>FXBOFRWQ</b> =Round Flat Bollard with Soft Shine Low Glare White Cone Reflector <b>FXBOFRLQ</b> =Round Flat Bollard with LED Cone Reflector <b>FXBOFGQ</b> =Round Flat Bollard with Glass <b>FXBOFLQ</b> =Round Flat Bollard with Louvers	C=Type III* F=Wide Beam Spread *FXBOFRWQ, FXBOFRLQ & FXBOFGQ only	1X10=10w 1X15=15w 1X22=22w	U=120-277V C=347V* *15w Model Only	3K=3000K 4K=4000K 5K=5000K	(Leave Blank)=Clear Lens L=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens* *Type V 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 GSB=180° Glare Shield, Black GSZ=180° Glare Shield, Bronze GSC=180° Glare Shield, Custom Color (Consult Factory) S5=Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See FXP17125 Spec. Page for Details. BU=Battery Backup, 90 Minutes* BUC=Cold Start Battery Backup, -20°C, 90 Minutes* *120-277V Models Only.

### Mounting Accessories

(Order Separately, Field Installed)

Options	Description
FXBOLAN4	Mounting Kit, Includes Bracket & Three (3) 4" Zinc-Plated Anchor Bolts
FXBOLAN8	Mounting Kit, Includes Bracket & Three (3) 8" Zinc-Plated Anchor Bolts
FXBOLAN12	Mounting Kit, Includes Bracket & Three (3) 12" Zinc-Plated Anchor Bolts
FXBOLAN15	Mounting Kit, Includes Bracket & Three (3) 15" Zinc-Plated Anchor Bolts
FXBREBASE*	Bollard Retrofit Base Kit Adapts New Bollards to Most Existing Bolt Patterns. Fits all FX Lighting 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)



\*Shown Mounted

### Accessories

(Order Separately, Field Installed)

Options	Description
FXP17126	Remote Programming Tool for FXP17125



FXP17126

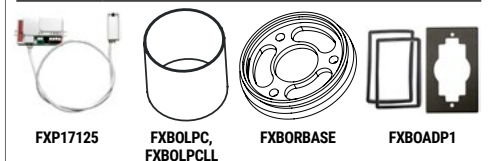
### Replacement Parts

(Order Separately, Field Installed)

Options	Description
FXP17125	Internal Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See FXP17125 Spec. Page for Details.
FXBOLPC	Replacement Round UV-Stabilized Polycarbonate Vandal-Resistant Lens
FXBOLPCLL	Replacement SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens
FXBORBASE*	Die Cast Base Plate with Powdercoat Finish Over a Chromate Conversion Coating.
FXBOADP1	Adapter Plate with Gaskets for Outlet Boxes. Fits FX Lighting Round Bollards. Die Cast with Bronze Powdercoat Finish.

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

For Replacement Battery Backup, see the FX Lighting LED Battery Backup Specification Sheet.



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### ROUND FLAT BOLLARD PHOTOMETRIC DATA

Wattage (Catalog Logic)		10W (1X10)	14.5W (1X15)	22W (1X22)
Input Watts		11.3W	17W	23.8W
Optic	CCT	Delivered Lumens		
FXBOFRWQ & FXBOFRLQ Cone Reflector C-Type III Optic	3000K	738	1,033	1,549
	4000K	800	1,120	1,680
	5000K	834	1,167	1,750
	BUG Rating	B0-U2-G1	B1-U3-G1	B1-U3-G1
FXBOFRWQ & FXBOFRLQ Cone Reflector F-Type V Optic	3000K	1,037	1,452	2,178
	4000K	1,125	1,575	2,362
	5000K	1,172	1,641	2,461
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G1
FXBOFGQ Glass C-Type III Optic	3000K	787	1,101	1,652
	4000K	853	1,195	1,792
	5000K	889	1,245	1,867
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G1
FXBOFGQ Glass F-Type V Optic	3000K	768	1,076	1,613
	4000K	833	1,167	1,750
	5000K	868	1,215	1,823
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G1
FXBOFLQ Louvers F-Type V Optic Only	3000K	531	744	1,116
	4000K	576	807	1,211
	5000K	600	841	1,261
	BUG Rating	B0-U2-G0	B1-U2-G1	B1-U3-G1

### ROUND FLAT BOLLARD 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 LED Life
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 24w	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 MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

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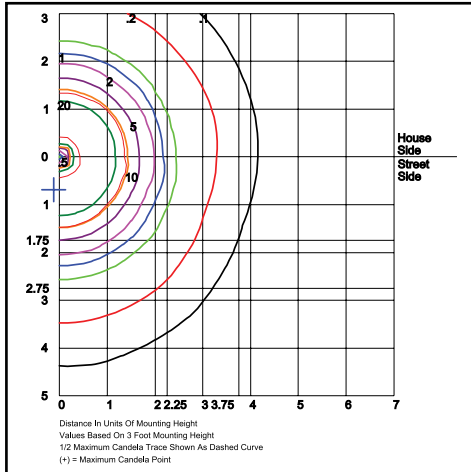
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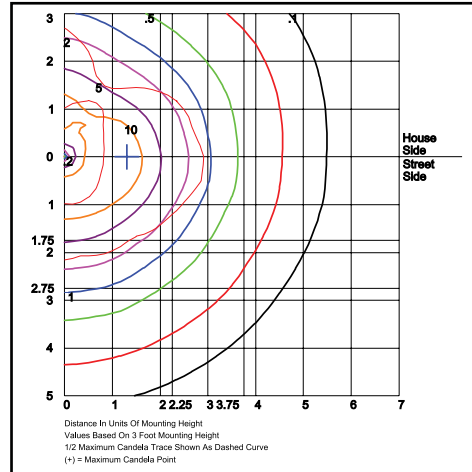


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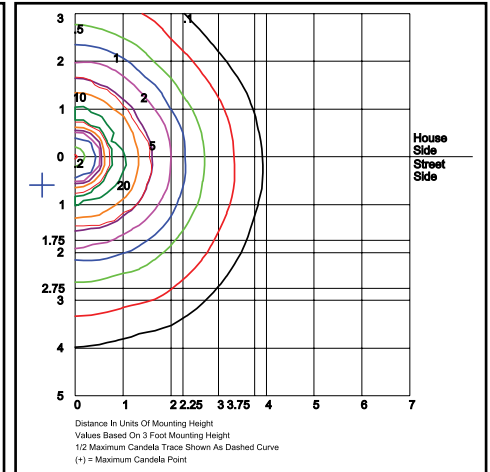
### ROUND FLAT BOLLARD DISTRIBUTION



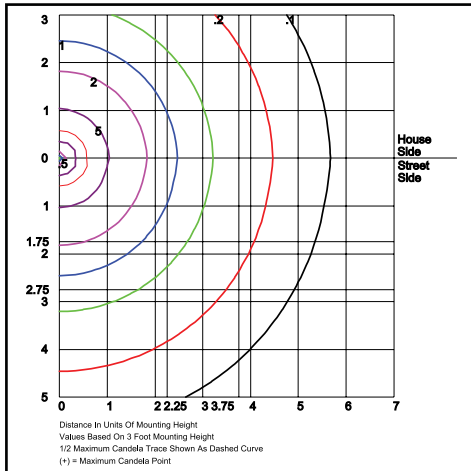
**FXBOFRWQ1X22U5K & FXBOFRLQ1X22U5K**  
Type V  
Grid in feet, Mounting Height = 3 ft.



**FXBOFGQ1X22U5K**  
Type III  
Grid in feet, Mounting Height = 3 ft.



**FXBOFLQ1X22U5K**  
Type V  
Grid in feet, Mounting Height = 3 ft.



**FXBOFRWQ1X22U5KL, LumaLens**  
Type V  
Grid in feet, Mounting Height = 3 ft.

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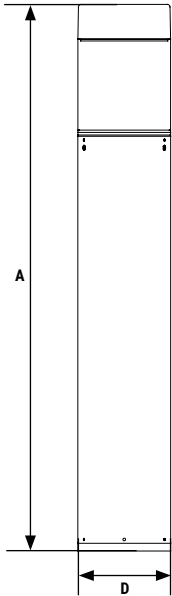
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## ROUND FLAT BOLLARD DIMENSIONAL DATA



### Round Flat Bollard Dimensions

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

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