

## EBOF AmberLED Round Flat Bollards



The ÖLEPG AmberLED Bollards EBOF is 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.

Gd'YVZ'WU]c'bg'UbX': YUi fYg.

<ci g]b[ .  
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.

@gh]b[ / 'FU]b[ g.

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

: ]b]g[ .

Textured Architectural Bronze or Black Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Gm]Y.

IES Type III or V Clear Prismatic Borosilicate Glass Refractor, Specially Designed Aluminum Cone Reflector or Internal Louvers

@]bg.

Clear Polycarbonate Vandal-Resistant Lens

Aci b]h]b[ 'Cdh]cbg.

Mounting Kit with 8" Anchor Bolts, Included.

5a VYf @8.

Aluminum Boards

K U]t] Y.

Array: 14.5w, System: 17w; (70w HID Equivalent)

8f]j Yf.

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.

K UfU]bm

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



IES Type III & V  
Glass EBOFG3Q &  
EBOFG5Q



LED Cone Reflector  
EBOFRLQ

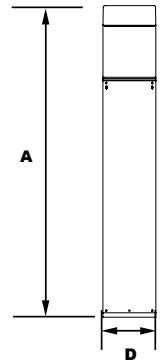


Louvers  
EBOFLQ



### Dimensions

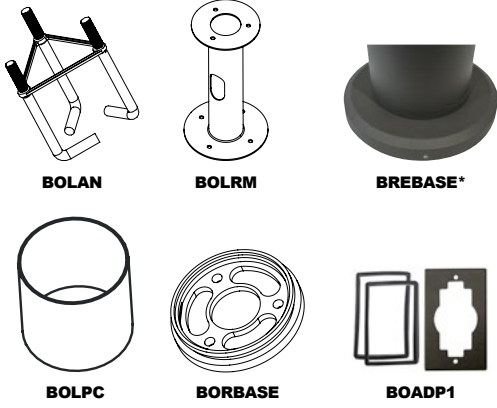
Diameter (D)	7" (178mm)
Height (A)	41 1/8" (1,057mm)



### Order Information

Model	Optics	Wattage	Driver	CCT	Color	Height	Options
<b>Example:</b> EBOFG3QF1X15UAMZ36SF	<b>F</b>	<b>1X15</b>	<b>U</b>	<b>AM</b>			
<b>EBOFG3Q</b> =Round Flat Top Bollard with IES Type III Glass	<b>F</b> =Wide Beam	<b>1X15</b> =15w	<b>U</b> =120-277V	<b>AM</b> =Amber	<b>Z</b> =Bronze	<b>(Leave Blank)</b> =	<b>SF</b> =Single Fuse
<b>EBOFG5Q</b> =Round Flat Top Bollard with IES Type V Glass					<b>B</b> =Black	42" Standard Height	<b>DF</b> =Double Fuse
<b>EBOFRLQ</b> =Round Flat Top Bollard with LED Cone Reflector					<b>C</b> =Custom	36=36" Height	<b>SP</b> =Surge Protection
<b>EBOFLQ</b> =Round Flat Top Bollard with Louvers	Spread				(Consult Factory)	30=30" Height	<b>GF1</b> =GFCI Outlet, 15A, 120V
							<b>GSB</b> =180° Glare Shield, Black
							<b>GSZ</b> =180° Glare Shield, Bronze
							<b>GSC</b> =180° Glare Shield, Custom Color, Consult Factory
							<b>BU</b> =Battery Backup, 90 Minutes

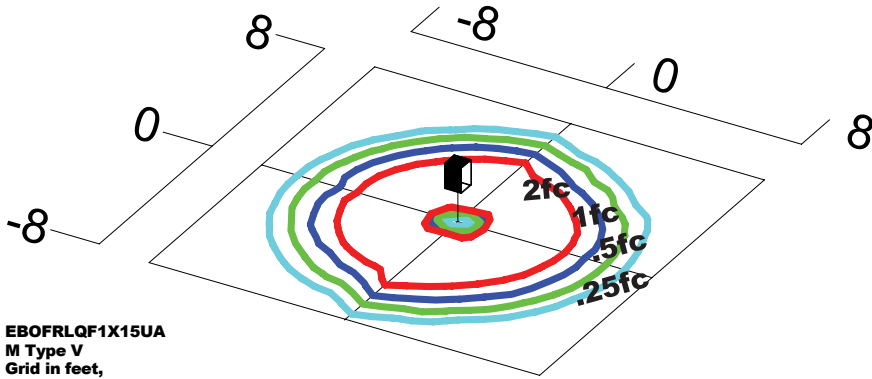
**Accessories & Replacement Parts:**



\*Shown Mounted

Mounting Accessories (Order Separately, Field Installed)		Replacement Parts (Order Separately, Field Installed)	
<b>BOLAN4</b>	Mounting Kit, Includes Bracket & Three (3) 4" Anchor Bolts	<b>BOLPC</b>	Replacement Round Polycarbonate Vandal-Resistant Lens
<b>BOLAN8</b>	Mounting Kit, Includes Bracket & Three (3) 8" Anchor Bolts	<b>BORBASE*</b>	Die Cast Base Plate with Powdercoat Finish Over a Chromate Conversion Coating.
<b>BOLAN12</b>	Mounting Kit, Includes Bracket & Three (3) 12" Anchor Bolts	<b>BOADP1</b>	
<b>BOLAN15</b>	Mounting Kit, Includes Bracket & Three (3) 15" Anchor Bolts		
<b>BOLRM</b>	Root Mount Kit		*Specify Color: Z=Bronze, B=Black
<b>BREBASE*</b>	Bollard Retrofit Base Kit Adapts Bollards to Most Existing Bolt Patterns. Fits all LEPG Bollards. Die Cast with Powdercoat Finish, Hardware Included. 11 1/2" Dia. x 11 1/2" H.		Now Replacement Battery Backup, see the LEPG LED Battery Backup Specification Sheet.

**Photometric Data**

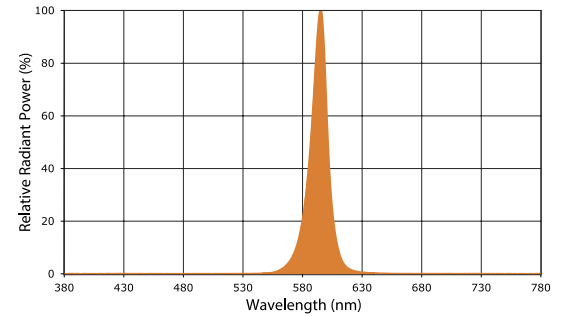


**EBOFRLQF1X15UA**  
M Type V  
Grid in feet,  
Mounting Height =  
3.5 ft.

**Photometric Performance**

LED Board Watts	Drive Current (mA)	Input Watts	Optics	Amber LEDs				
				Lumens	LPW	B	U	G
AmberLED 15w	116	17	BOFG3 Type III Glass	277	16	0	2	0
			BOFG5 Type V Glass	270	16	0	2	0
			BOFL Louvers	187	11	0	1	0
			BOFRL Cone Reflector	360	21	0	2	0

**Amber LED - Spectral Chart**



**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	