

AmberLED Round Flat Bollards



The ÖLEPG AmberLED Bollards 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.

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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.

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

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

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

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Clear Polycarbonate Vandal-Resistant Lens

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Mounting Kit with 8" Anchor Bolts, Included.

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Aluminum Boards

K U]H]U] 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.

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



IES Type III & V Glass
EBOFG3Q & EBOFG5Q



LED Cone Reflector
EBOFRLQ

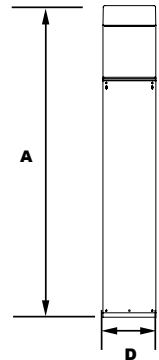


Louvers
EBOFLQ



Dimensions

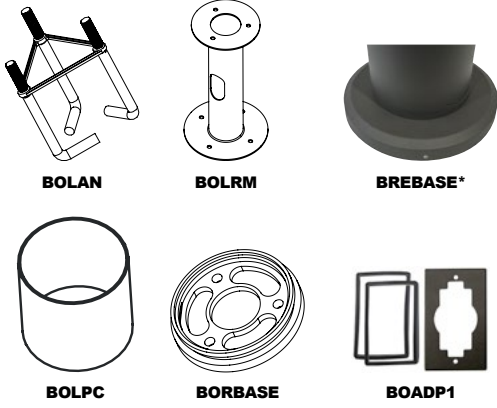
Diameter (D)	7" (178mm)
Height (A)	41" (1,057mm)



Order Information

Model	Optics	Wattage	Driver	CCT	Color	Height	Options
EBOFG3Q =Round Flat Top Bollard with IES Type III Glass EBOFG5Q =Round Flat Top Bollard with IES Type V Glass EBOFRLQ =Round Flat Top Bollard with LED Cone Reflector EBOFLQ =Round Flat Top Bollard with Louvers	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 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

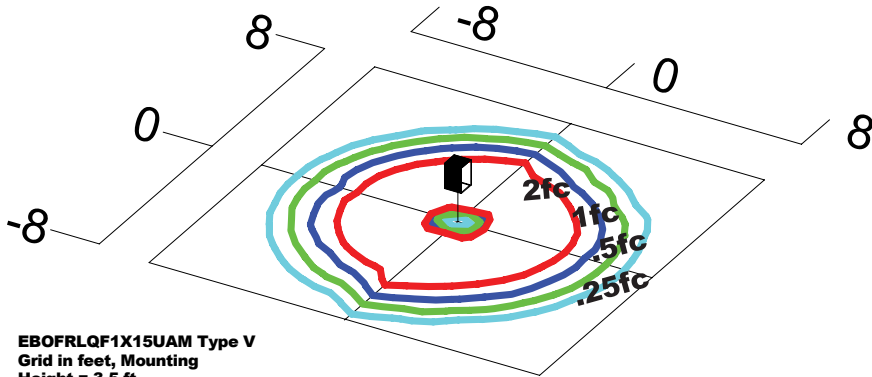
Accessories & Replacement Parts:



*Shown Mounted

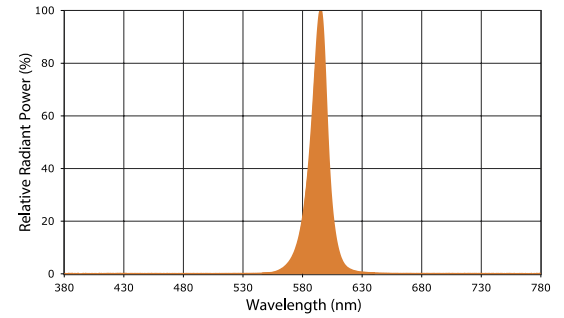
Mounting Accessories (Order Separately, Field Installed)		Replacement Parts (Order Separately, Field Installed)	
BOLAN4	Mounting Kit, Includes Bracket & Three (3) 4" Anchor Bolts	BOLPC	Replacement Round Polycarbonate Vandal-Resistant Lens
BOLAN8	Mounting Kit, Includes Bracket & Three (3) 8" Anchor Bolts	BORBASE*	Die Cast Base Plate with Powdercoat Finish Over a Chromate Conversion Coating.
BOLAN12	Mounting Kit, Includes Bracket & Three (3) 12" Anchor Bolts	BOADP1	
BOLAN15	Mounting Kit, Includes Bracket & Three (3) 15" Anchor Bolts		
BOLRM	Root Mount Kit		*Specify Color: Z=Bronze, B=Black
BREBASE*	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 4" H.		Now Replacement Battery Backup, see the LEPG LED Battery Backup Specification Sheet.

Photometric Data



EBOFRLQF1X15UAM Type V
Grid in feet, Mounting Height = 3.5 ft.

Amber LED - Spectral Chart



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

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	