

AB3Q & AB4Q Series Reveal Round & Square Bollards



The LEPG AB3Q and AB4Q EasyLED Reveal Cutoff Bollards with UV-stabilized polycarbonate lenses and sealed optical compartments 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.

Specifications and Features:

Housing: Extruded Aluminum Housing with Flush Mounting Base, Flat Top, Sealed Driver Compartment.

Listing & Ratings: CSA: Listed for Wet Locations, ANSI/UL 1598, 8750 IP66 Sealed LED Compartment.

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

Lens: Clear UV-Stabilized Polycarbonate or SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Inner Lens to Seal LED Array.

Mounting Options: Mounting Kit with 8" Anchor Bolts, Included.

EasyLED LED: Aluminum Boards

Wattage: Array: 16.6w, System: 20.2w; (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.

Warranty: 5-Year Warranty for -40°C to +50°C Environment.

Order Information:



AB3Q - Reveal Round Bollard

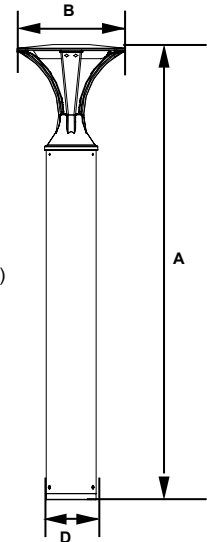
AB4Q - Reveal Square Bollard

Shown with "S3" Sensor

Shown with GFCI





Dimensions

Width (B)	10¼" (260mm)
Diameter (D)	4¾" (120mm)
Height (A)	43¾" (1,095mm)



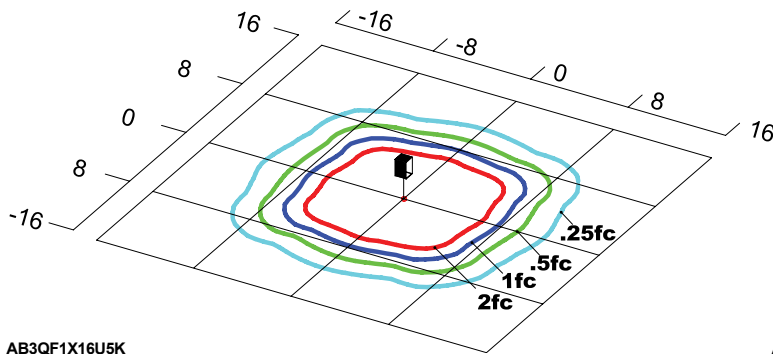
Model	Optics	Wattage	Driver	CCT	Lens	Color	Height	Options
AB3Q=Reveal Round Bollard AB4Q=Reveal Square Bollard	F=Wide Beam Spread	1X16=16w	U=120-277V	4K=4000K 5K=5000K	C=Clear UVStabilized Polycarbonate Array Lens L=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens	Z=Bronze B=Black C=Custom (Consult Factory)	(Leave Blank)= 43½" Standard Height 36=36" Height 30=30" Height	SF=Single Fuse DF=Double Fuse SP=Surge Protection GF1=GFCI Outlet, 15A, 120V S3=Internal Microwave Sensor

Accessories & Replacement Parts:

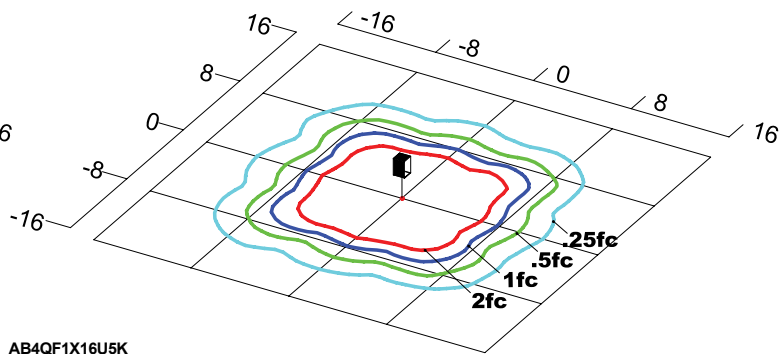
Mounting Accessories (Order Separately, Field Installed)		Accessories (Order Separately, Field Installed)	Replacement Parts (Order Separately, Field Installed)	
		BREBASE* Bollard Retrofit Base Kit Adapts New Bollards to Most Existing Bolt Patterns. Fits all LEPG Bollards. Die Cast with Powdercoat Finish, Hardware Included. 1 1/2" Dia. x 1 1/2" H	P17122 Remote Programming Tool for P17121	P17121 Internal Microwave Sensor
		*Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory)		B3LL SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens
				B4LL SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens
				BOADP1 Adapter Plate with Gaskets for Outlet Boxes. Fits LEPG Round Bollards. Die Cast with Bronze Powdercoat Finish.

*Shown Mounted

Photometric Data



AB3QF1X16U5K
Type V
Grid in feet, Mounting Height = 3.5 ft.



AB4QF1X16U5K
Type V
Grid in feet, Mounting Height = 3.5 ft.

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI					4000 CCT 80 CRI				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
EasyLED 16w	525	20	B3 Type V	1,603	80	1	2	1	1,539	77	1	2	1
			B4 Type V	1,678	84	1	2	1	1,611	81	1	2	1

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 L70@ 25°C	
B3 L70 Lumen Maintenance @ 25°C / 77°F	20	1.00	0.96	0.92	0.84	187,000	
B4 L70 Lumen Maintenance @ 25°C / 77°F	20	1.00	0.96	0.92	0.84	187,000	
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C	
B3 L70 Lumen Maintenance @ 50°C / 122°F	20	1.00	0.94	0.87	0.74	117,000	
B4 L70 Lumen Maintenance @ 50°C / 122°F	20	1.00	0.93	0.87	0.73	113,000	
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C	
B3 L80 Lumen Maintenance @ 40°C / 104°F	20	1.00	0.97	0.93	0.87	151,000	
B4 L80 Lumen Maintenance @ 40°C / 104°F	20	1.00	0.97	0.93	0.86	144,000	

- NOTES:
 1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA 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.