

**L70**  
25°C **187,000 Hours**

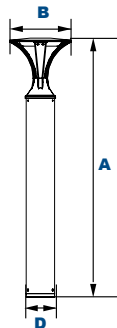


Shown with "S3" Sensor



Shown with GFCI

**B3Q - Reveal Round Bollard**    **B4Q - Reveal Square Bollard**



### Dimensions

<b>Width (B)</b>	10 1/4" (260mm)
<b>Diameter (D)</b>	4 3/4" (120mm)
<b>Height (A)</b>	43 3/8" (1,095mm)

The LEPG B3Q and B4Q 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" Zinc-Plated Anchor Bolts, Included.

#### EasyLED LED:

Aluminum Boards

#### Wattage:

Array: 16.6w, System: 18.1w; (70w HID Equivalent)  
Array: 25w, System: 27.2w; (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.

See Page 3 for Projected Lumen Maintenance Table.

### Order Information Example:

**B4QF1X16U5KCZ36SF**

Model	Optics	Wattage	Driver	CCT	Lens	Color	Height	Options
<b>B3Q</b> =Reveal Round Bollard <b>B4Q</b> =Reveal Square Bollard	<b>F</b> =Wide Beam Spread	<b>1X16</b> =16w <b>1X25</b> =25w	<b>U</b> =120-277V	<b>4K</b> =4000K <b>5K</b> =5000K	<b>C</b> =Clear UV-Stabilized Polycarbonate Array Lens <b>L</b> =SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens	<b>Z</b> =Bronze <b>B</b> =Black <b>C</b> =Custom (Consult Factory)	<b>(Leave Blank)</b> =43 3/8" Standard Height <b>36</b> =36" Height <b>30</b> =30" Height	<b>SF</b> =Single Fuse <b>DF</b> =Double Fuse <b>SP</b> =Surge Protection <b>GF1</b> =GFCI Outlet, 15A, 120V <b>S3</b> =Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See P17121 Spec. Page for Details.

### Project Information:

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

### Certification & Listings:



# Reveal Round & Square Bollards

**L70**  
25°C

**187,000 Hours**

**Accessories & Replacement Parts:**



**BREBASE\***



**P17122**



**P17121**



**BOADP1**

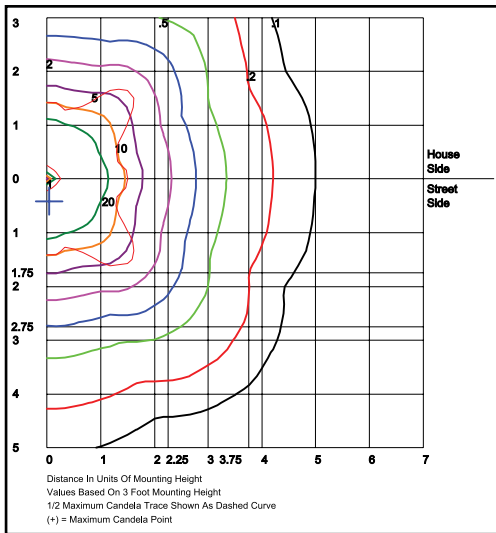
Mounting Accessories (Order Separately, Field Installed)	
<b>BREBASE*</b>	Bollard Retrofit Base Kit Adapts New Bollards to Most Existing Bolt Patterns. Fits all LEPG Bollards. Die Cast with Powdercoat Finish, Hardware Included. 1 1/2" Dia. x 1 1/2" H
*Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory)	

Accessories (Order Separately, Field Installed)	
<b>P17122</b>	Remote Programming Tool for P17121

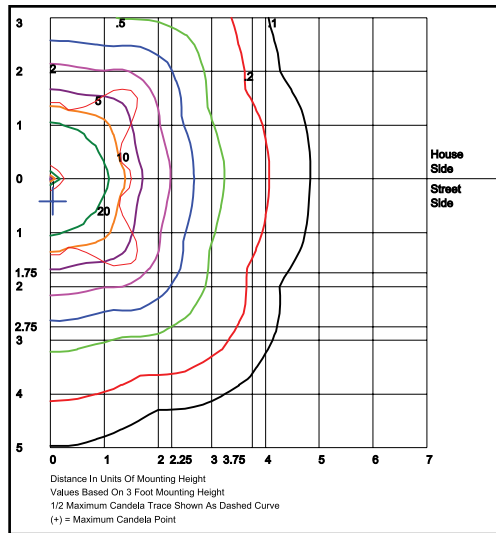
Replacement Parts (Order Separately, Field Installed)	
<b>P17121</b>	Internal Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See P17121 Spec. Page for Details.
<b>B3LL</b>	SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens
<b>B4LL</b>	SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens
<b>BOADP1</b>	Adapter Plate with Gaskets for Outlet Boxes. Fits LEPG Round Bollards. Die Cast with Bronze Powdercoat Finish.

\*Shown Mounted

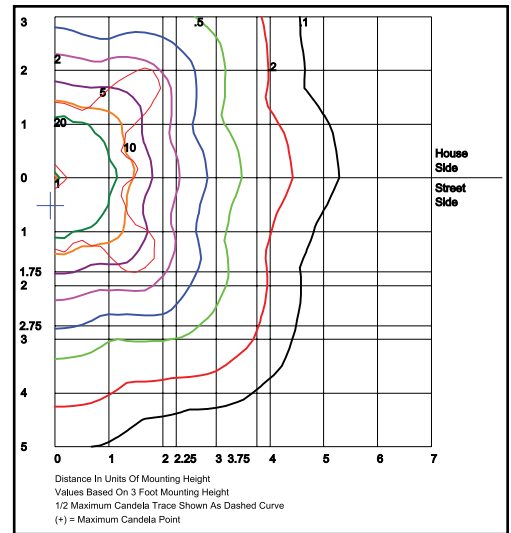
**Photometric Data**



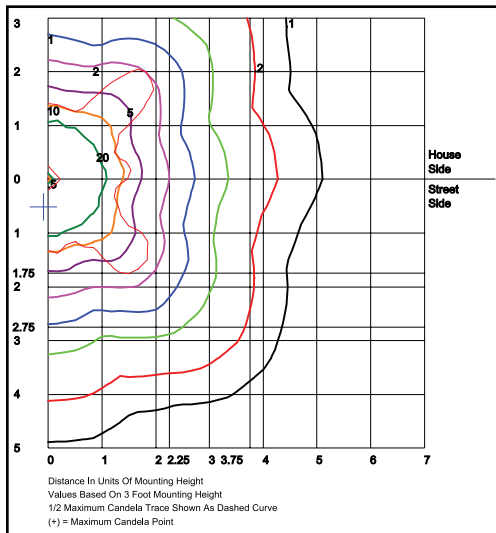
**B3QF1X25U5KC**  
**Type V-Clear Glass**  
Grid in feet, Mounting Height = 3.5 ft.



**B3QF1X25U5KL**  
**Type V-LumaLens**  
Grid in feet, Mounting Height = 3.5 ft.



**B4QF1X25U5KC**  
**Type V-Clear Glass**  
Grid in feet, Mounting Height = 3.5 ft.



**B4QF1X25U5KL**  
**Type V-LumaLens**  
Grid in feet, Mounting Height = 3.5 ft.

Specifications subject to change without notice. Rev. 090220

## Photometric Performance

Optic	Wattage (Catalog Logic)		Delivered Lumens
	16W (1X16)	25W (1X25)	
	Input Watts	18.1W	27.2W
	CCT		
<b>B3 with Clear Glass F=Type V Optic</b>	4000K	1,662	2,493
	5000K	1,731	2,597
	BUG Rating	B1-U3-G1	B1-U3-G1
<b>B3 with LumaLens F=Type V Optic</b>	4000K	1,457	2,185
	5000K	1,517	2,276
	BUG Rating	B1-U2-G1	B1-U3-G1

Optic	Wattage (Catalog Logic)		Delivered Lumens
	16W (1X16)	25W (1X25)	
	Input Watts	18.1W	27.2W
	CCT		
<b>B4 with Clear Glass F=Type V Optic</b>	4000K	1,740	2,610
	5000K	1,813	2,719
	BUG Rating	B1-U2-G1	B1-U3-G1
<b>B4 with LumaLens F=Type V Optic</b>	4000K	1,525	2,288
	5000K	1,589	2,383
	BUG Rating	B1-U2-G1	B1-U3-G1

## 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
<b>B3 L70 Lumen Maintenance @ 25°C / 77°F</b>	20	1.00	0.96	0.92	0.84	187,000
<b>B4 L70 Lumen Maintenance @ 25°C / 77°F</b>	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
<b>B3 L70 Lumen Maintenance @ 50°C / 122°F</b>	20	1.00	0.94	0.87	0.74	117,000
<b>B4 L70 Lumen Maintenance @ 50°C / 122°F</b>	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
<b>B3 L80 Lumen Maintenance @ 40°C / 104°F</b>	20	1.00	0.97	0.93	0.87	151,000
<b>B4 L80 Lumen Maintenance @ 40°C / 104°F</b>	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.