QSSI SINCE 1985
LIGHTING & ELECTRICAL PRODUCTS GROUP

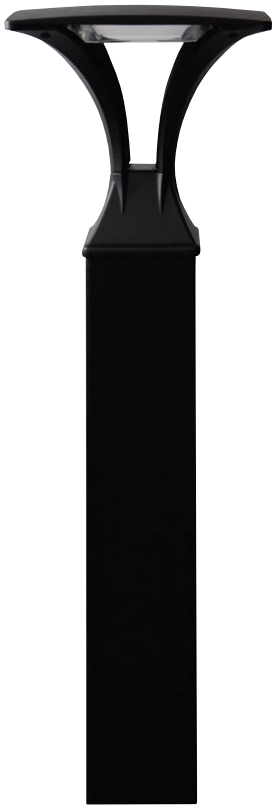
BUY AMERICAN ACT COMPLIANT

EasyLED Technology

Reveal Round & Square Bollards

L70 25°C | 187,000 Hours

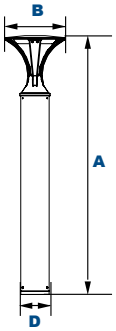
B3Q - Reveal Round Bollard



B4Q - Reveal Square Bollard

Shown with "S5" Sensor

Shown with GFCI



Dimensions	
Width (B)	10¼″ (260mm)
Diameter (D)	4¾″ (120mm)
Height (A)	43⅛″ (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:
ETL: 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 QSSI 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 4 for Projected Lumen Maintenance Table.

Project Information:

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

Certification & Listings:

C ETL US LISTED INTERTEK | IP66 | SoftLED

Specifications subject to change without notice. Rev. 021624

12802 Commodity Place • Tampa, FL 33626 • Phone: (813) 316-2221
For more information visit our website at www.qssi.com

6 LOCATIONS
Tampa, FL
Vancouver, WA
Cerritos, CA
Walden, NY
Memphis, TN
Telford, U.K.

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Order Information Example: B4QF1X16U5KCZ36SF

	F		U					
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**	**Height**	**Options**
B3Q=Reveal Round Bollard **B4Q**=Reveal Square Bollard	**F**=Wide Beam Spread	**1X16**=16w **1X25**=25w	**U**=120-277V	**3K**=3000K **4K**=4000K **5K**=5000K	**C**=Clear UV-Stabilized Polycarbonate Array Lens **L**=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens	**Z**=Bronze **B**=Black **C**=Custom (Consult Factory)	**(Leave Blank)**= 43⅛″ Standard Height **36**=36″ Height **30**=30″ Height	**SF**=Single Fuse* **DF**=Double Fuse* **SP**=Surge Protection **GF1**=GFCI Outlet, 15A, 120V **S5**=Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See P17125 Spec. Page for Details.* ***120-277V Models Only.**

Accessories & Replacement Parts:

Mounting Accessories (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. 11½″ Dia. x 1½″ H

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

BREBASE*

***Shown Mounted**

Accessories (Order Separately, Field Installed)

P17126	Remote Programming Tool for P17125

P17126

Replacement Parts (Order Separately, Field Installed)

P17125	Internal Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See P17125 Spec. Page for Details.
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.

P17125

BOADP1

12802 Commodity Place • Tampa, FL 33626 • Phone: (813) 316-2221
For more information visit our website at www.qssi.com

6 LOCATIONS: Tampa, FL; Vancouver, WA; Cerritos, CA; Walden, NY; Memphis, TN; Telford, U.K.

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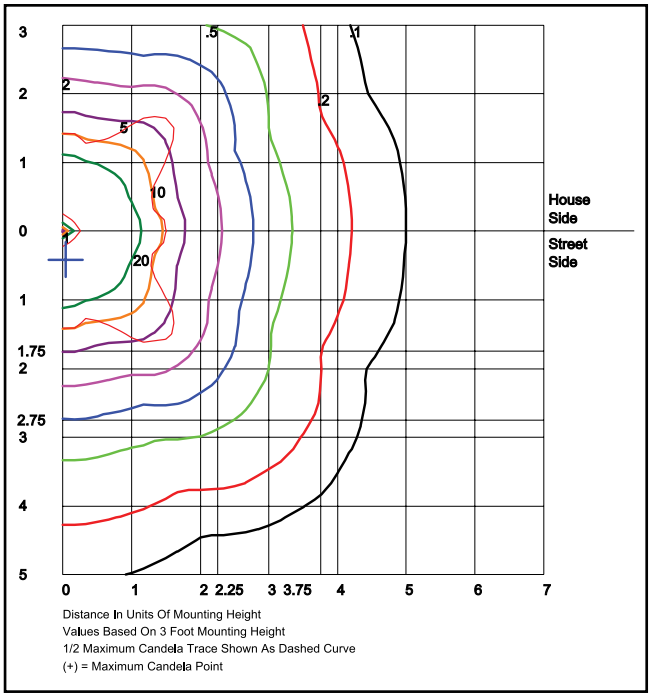
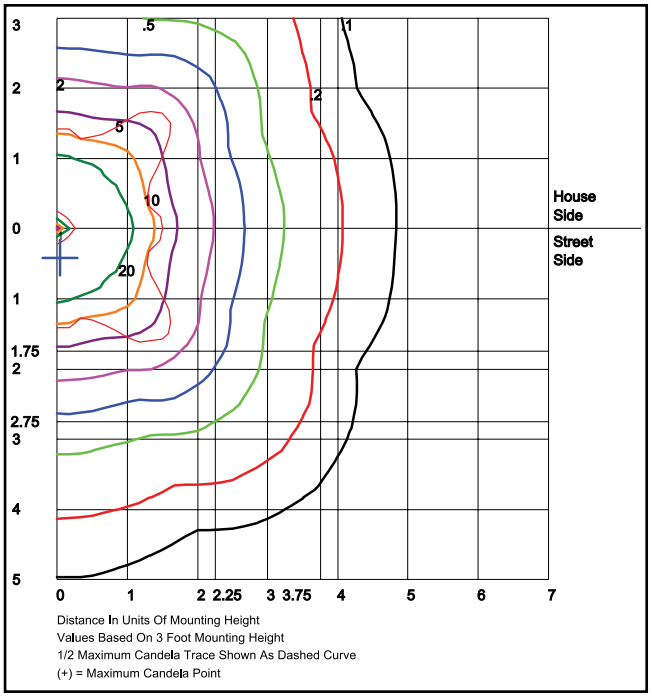
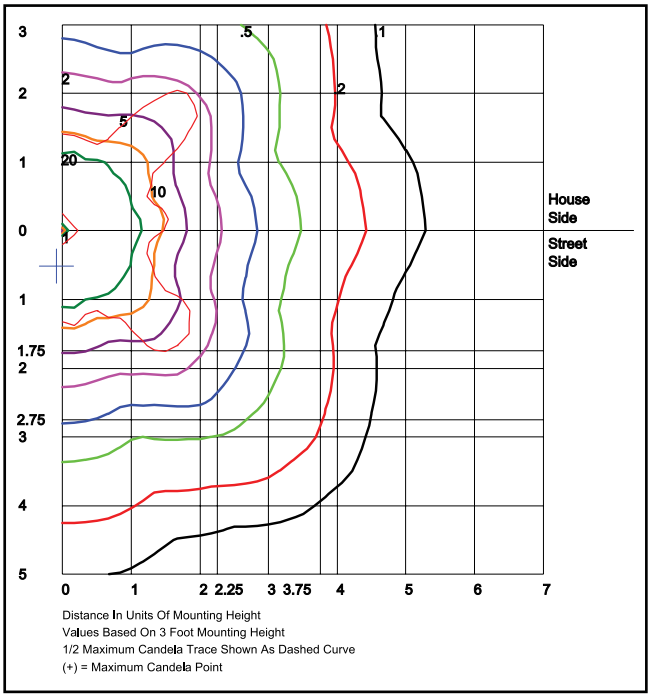
Photometric Data



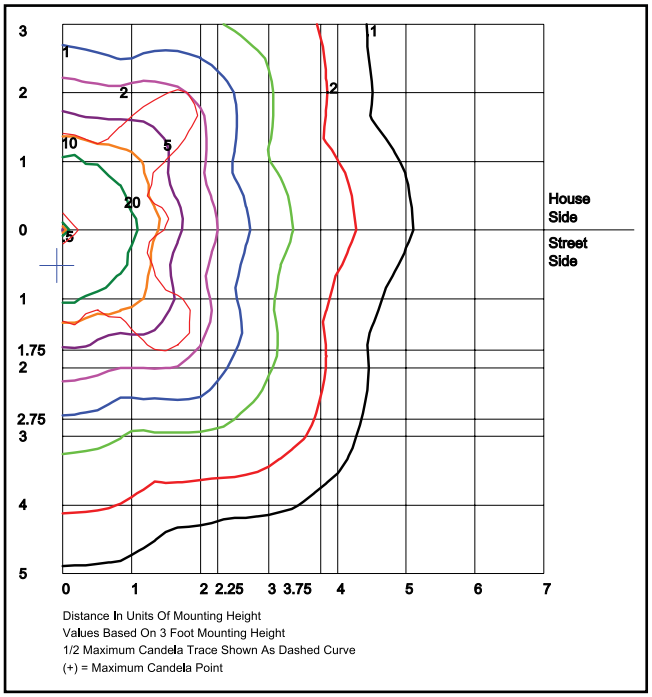
B3QF1X25U5KC
Type V-Clear Glass
Grid in feet, Mounting Height = 3.5 ft.



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.

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Photometric Performance

Optic	Wattage (Catalog Logic)	16W (1X16)	25W (1X25)
	Input Watts	18.1W	27.2W
	CCT	Delivered Lumens	
B3 with Clear Glass F=Type V Optic	3000K	1,532	2,298
	4000K	1,662	2,493
	5000K	1,731	2,597
	BUG Rating	B1-U3-G1	B1-U3-G1
B3 with LumaLens F=Type V Optic	3000K	1,343	2,014
	4000K	1,457	2,185
	5000K	1,517	2,276
	BUG Rating	B1-U2-G1	B1-U3-G1

Optic	Wattage (Catalog Logic)	16W (1X16)	25W (1X25)
	Input Watts	18.1W	27.2W
	CCT	Delivered Lumens	
B4 with Clear Glass F=Type V Optic	3000K	1,604	2,406
	4000K	1,740	2,610
	5000K	1,813	2,719
	BUG Rating	B1-U2-G1	B1-U3-G1
B4 with LumaLens F=Type V Optic	3000K	1,406	2,109
	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 LED Life
B3 L70 Lumen Maintenance @ 25°C / 77°F	27	1.00	0.96	0.92	0.84	187,000
B3 L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.94	0.87	0.74	117,000
B3 L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.97	0.93	0.87	151,000

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.

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
B4 L70 Lumen Maintenance @ 25°C / 77°F	27	1.00	0.96	0.92	0.84	187,000
B4 L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.93	0.87	0.73	113,000
B4 L80 Lumen Maintenance @ 40°C / 104°F		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 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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