

L70  
25°C

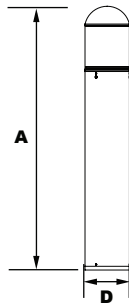
147,000 Hours



**NEW Soft Shine Low Glare White Cone Reflector**  
Daytime View      Nighttime View



**LED Cone Reflector BORLQ**      **Louvers BOLQ**      **LED Cone Reflector Shown with Glare Shield**  
**SoftLED LumaLens Opal Array Lens**      **Shown with "S3" Sensor**      **Shown with GFCI**

**DIMENSIONS**

<b>Diameter (D)</b>	7" (178mm)
<b>Height (A)</b>	41¾" (1,060mm)

**PRODUCT DESCRIPTION**

The EasyLED Bollards with choice of optics and lenses 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.

**FEATURES****Housing:**

Formed 316L Stainless Steel Housing with Flush Mounting Base & Vandal-Resistant Screws, Domed Top, Internal Ballast Tray for Easy Maintenance.

**Listing & Ratings:**

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

**Style:**

Specially Designed Cone Reflector or Internal Louvers

**Lens:**

Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens or SoftLED LumaLens UV- Stabilized Polycarbonate Opal Vandal-Resistant Lens

**Mounting Options:**

Mounting Kit with 8 Zinc-Plated Anchor Bolts, Included.

**EasyLED LED:**

Aluminum Boards

**Wattage:**

Array: 10w, System: 11.3w; (70w HID Equivalent)  
Array: 14.5w, System: 17w; (70w HID Equivalent)  
Array: 22w, System: 23.8w; (70w HID Equivalent)

**Driver:**

Electronic Driver, 120-277V, 50/60Hz or 347V, 50/60Hz (15w Only); 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 LEPC 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 +40°C Environment.  
See Page 2 for Projected Lumen Maintenance Table.

**ORDERING INFORMATION****EXAMPLE: BORLQ-F-1X22-U-5K-SS-SF**

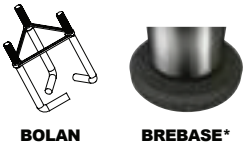
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
<b>BORWQ</b> =Round Dome Bollard with Soft Shine Low Glare White Cone Reflector <b>BORLQ</b> =Round Dome Bollard with LED Cone Reflector <b>BOLQ</b> =Round Dome Bollard with Louvers	C=Type III* F=Wide Beam Spread  * BORWQ & BORLQ Only	1X10 =10w 1X15 =15w 1X22 =22w	U=120-277V C=347V*  *15w Model Only	3K =3000K 4K =4000K 5K =5000K	(Leave Blank) =Clear Lens L =SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens*  *Type V White Cone Reflector Only	SS =Stainless Steel	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) S3 =Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See P17121 Spec. Page for Details. BU =Battery Backup, 90 Minutes* BUC =Cold Start Battery Backup, -20°C, 90 Minutes*  *120-277V Models Only.

## ACCESSORIES &amp; REPLACEMENT PARTS

Mounting Accessories  
(Order Separately, Field Installed)

BOLAN4	Mounting Kit, Includes Bracket & Three (3) 4" Zinc-Plated Anchor Bolts
BOLAN8	Mounting Kit, Includes Bracket & Three (3) 8" Zinc-Plated Anchor Bolts
BOLAN12	Mounting Kit, Includes Bracket & Three (3) 12" Zinc-Plated Anchor Bolts
BOLAN15	Mounting Kit, Includes Bracket & Three (3) 15" Zinc-Plated Anchor Bolts
BREBASE*	Bollard Retrofit Base Kit Adapts New Bollards to Most Existing Bolt Patterns. Fits all LEPC Bollards. Die Cast with Powdercoat Finish, Hardware Included. 11½" Dia. x 1¼" H

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

BOLAN  
\*Shown Mounted

BREBASE\*

Accessories  
(Order Separately, Field Installed)

P17122 Remote Programming Tool for P17121

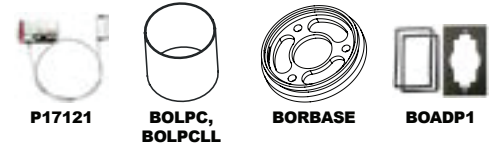


P17122

Replacement Parts  
(Order Separately, Field Installed)

P17121	Internal Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See P17121 Spec. Page for Details.
BOLPC	Replacement Round UV-Stabilized Polycarbonate Vandal-Resistant Lens
BOLPCLL	Replacement SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens
BORBASE	Die Cast Base Plate with Black Powdercoat Finish Over a Chromate Conversion Coating.
BOADP1	Adapter Plate with Gaskets for Outlet Boxes. Fits LEPC Round Bollards. Die Cast with Bronze Powdercoat Finish.

For Replacement Battery Backup, see the LEPC LED Battery Backup Specification Sheet.



P17121

BOLPC,  
BOLPCLL

BORBASE

BOADP1

## PHOTOMETRIC PERFORMANCE

Wattage (Catalog Logic)		10W (1X22)	15W (1X15)	20W (1X22)
Input Watts		11.3W	15.9W	23.8W
Optic	CCT	Delivered Lumens		
<b>BORWQ &amp; BORLQ Cone Reflector C=Type III Optic</b>	3000K	738	1,033	1,549
	4000K	800	1,120	1,680
	5000K	834	1,167	1,750
	BUG Rating	B0-U2-G1	B1-U3-G1	B1-U3-G1
<b>BORWQ &amp; BORLQ Cone Reflector F=Type V Optic</b>	3000K	1,031	1,444	2,165
	4000K	1,119	1,566	2,349
	5000K	1,165	1,631	2,447
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G1
<b>BOLQ Louvers F=Type V Optic Only</b>	3000K	521	730	1,094
	4000K	565	791	1,187
	5000K	589	824	1,236
	BUG Rating	B0-U2-G0	B1-U2-G1	B1-U3-G1

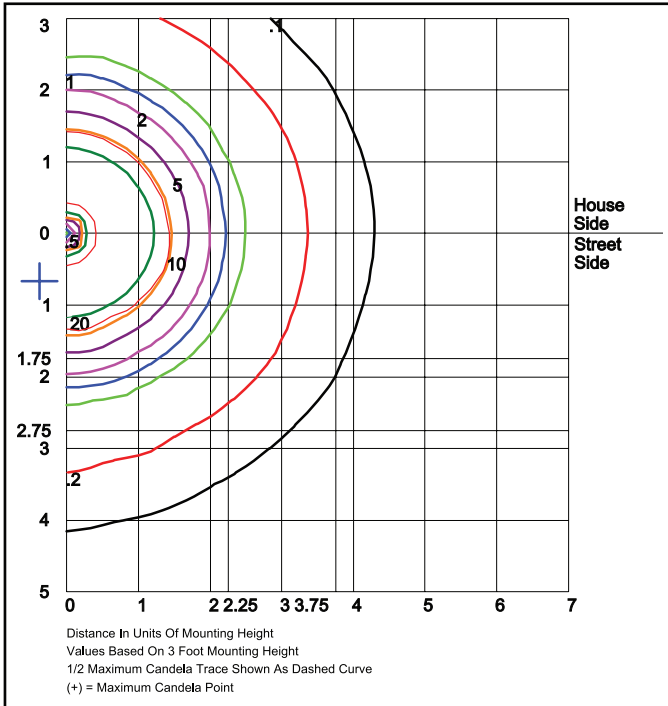
## PROJECTED LUMEN MAINTENANCE

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
<b>L70 Lumen Maintenance @ 25°C / 77°F</b>	All wattages up to and including 24w	1.00	0.95	0.90	0.80	147,000
<b>L70 Lumen Maintenance @ 50°C / 122°F</b>		1.00	0.89	0.78	0.55	67,000
<b>L80 Lumen Maintenance @ 40°C / 104°F</b>		1.00	0.92	0.85	0.70	66,000

## NOTES:

- Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 116mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

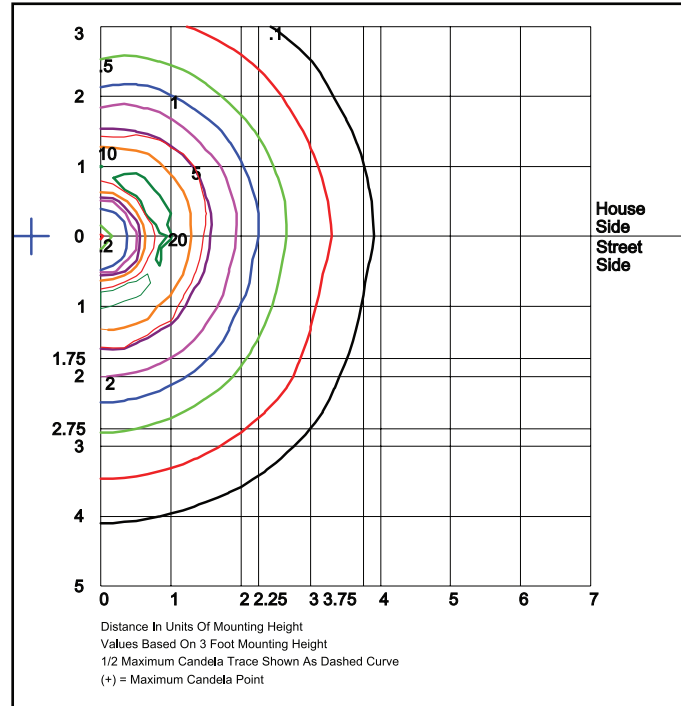
## PHOTOMETRIC DATA



**BORWQF1X22U5K & BORLQF1X22U5K**

**Type V**

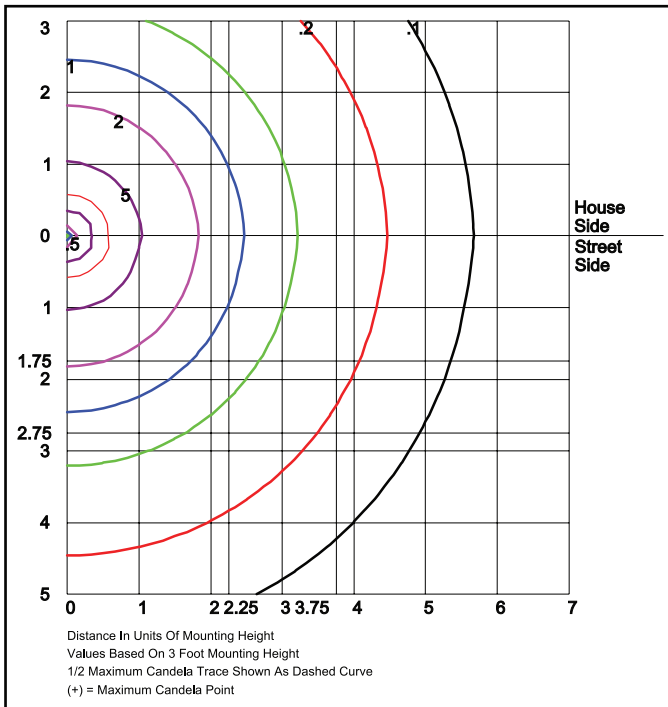
Grid in feet, Mounting Height = 3 ft.



**BOLQF1X22U5K**

**Type V**

Grid in feet, Mounting Height = 3 ft.



**BORWQF1X22U5KL, LumaLens**

**Type V**

Grid in feet, Mounting Height = 3 ft.