

Spec Grade
PROlite LED Lighting™

A Division of Emergensee® Lighting, Inc.



Job Name: _____

Type: _____

Part #: _____

Notes: _____

EasyLED Square Flat Bollards



The LEPG EasyLED Bollards with choice of optics 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 & Vandal-Resistant Screws, Flat Top, Internal Ballast Tray for Easy Maintenance. Bollards Can Be Cut to Custom Lengths Upon Request.

Listing & Ratings:

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

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

Style: Clear Prismatic Borosilicate Glass Refractor, Specially Designed Cone Reflector or Internal Louvers

Lens: Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens

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

EasyLED LED: Aluminum Boards

Wattage: Array: 14.5w, System: 17w; (70w HID Equivalent)

Driver: Electronic Driver, 120-277V, 50/60Hz or 347V, 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 +40°C Environment.



**Glass
PBOSFGQ**



**LED Cone
Reflector
PBOSFRLQ**



**Square
Louvers
PBOSFSLQ**



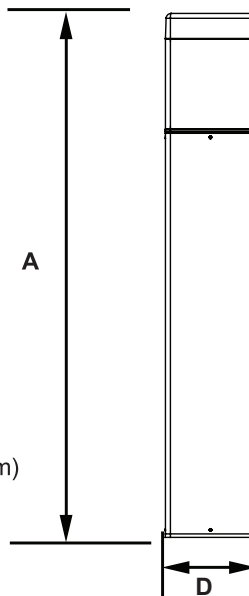
**Shown with
"S3" Sensor**



**Shown with
GFCI**

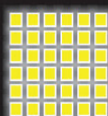
Dimensions

Length (D)	7" (177mm)
Height (A)	41 3/8" (1,051mm)



Order Information:

Model	Optics	Wattage	Driver	CCT	Color	Height	Options
		1X15=15w					
PBOSFGQ =Square Flat Bollard with Glass	C =Type III*	1X15=15w	U =120-277V	3K =3000K	Z =Bronze	(Leave Blank) =	SF =Single Fuse (120-277V Only)
PBOSFRLQ =Square Flat Bollard with LED Cone Reflector	F =Wide Beam Spread		C =347V	4K =4000K	B =Black	42" Standard Height	DF =Double Fuse (120-277V Only)
PBOSFRWQ =Square Flat Bollard with White LED Cone Reflector	*ABOSFGQ, ABOSFRLQ and ABOSFRWQ only			5K =5000K	C =Custom (Consult Factory)	36 =36" Height	SP =Surge Protection
PBOSFSLQ =Square Flat Bollard with Square Louvers						30 =30" Height	GF1 =GFCI Outlet, 15A, 120V
							S3 =Internal Microwave Sensor (120-277V Only)
							BU =Battery Backup, 90 Minutes



Spec Grade
PROlite LED Lighting™

A Division of Emergensee® Lighting, Inc.



Job Name: _____

Type: _____

Part #: _____

Notes: _____

Accessories & Replacement Parts:

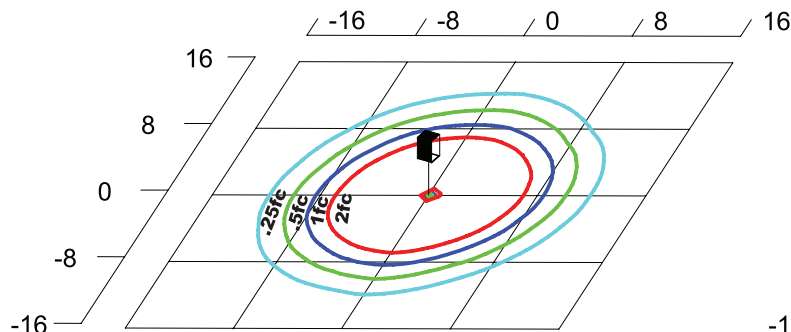


*Shown Mounted

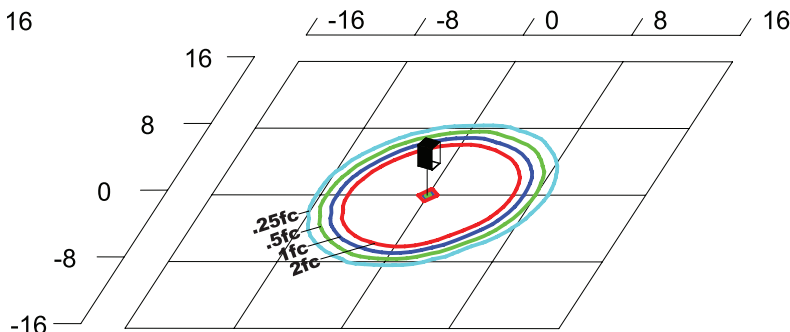
Mounting Accessories (Order Separately, Field Installed)	
BOLAN4	Mounting Kit, Includes Bracket & Three (3) 4" Anchor Bolts
BOLAN8	Mounting Kit, Includes Bracket & Three (3) 8" Anchor Bolts
BOLAN12	Mounting Kit, Includes Bracket & Three (3) 12" Anchor Bolts
BOLAN15	Mounting Kit, Includes Bracket & Three (3) 15" 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 1½" H	
*Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory)	

Accessories (Order Separately, Field Installed)	
P17122	Remote Programming Tool for P17121
Replacement Parts (Order Separately, Field Installed)	
P17121	Internal Microwave Sensor (120-277V Only)
BOLPCS	Replacement Square UV-Stabilized Polycarbonate Vandal-Resistant Lens
BOSBASE*	Die Cast Base Plate with Powdercoat Finish Over a Chromate Conversion Coating.
*Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory)	
For Replacement Battery Backup, see the LEPC LED Battery Backup Specification Sheet.	

Photometric Data



PBOSFGQF1X15U5K
Type V
Grid in feet, Mounting Height = 3.5 ft.



PBOSFRLQF1X15U5K
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					3000 CCT 80 CRI				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
EasyLED 15w	116	17	BOSFG Glass	1,125	66	1	3	1	1,080	64	1	3	1	996	56	1	3	1
			Cone Reflectors	1,519	89	1	3	1	1,458	86	1	3	1	1,223	72	1	3	1
			Reflectors/Type III Optic	1,081	64	0	3	1	989	58	0	2	1	918	54	0	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
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

NOTES:

1. 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.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.