

Spec Grade
PROlite LED Lighting™

A Division of Emergensee® Lighting, Inc.



Job Name: _____

Type: _____

Part #: _____

Notes: _____

PB5 Series

EasyLED Full Cutoff Bollard



The LEPG EasyLED Full Cutoff 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. Bollards Can Be Cut to Custom Lengths Upon Request.

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.

Styles:

360° Light Distribution, 120° Shield or 180° Shield

Lens:

Clear Polycarbonate Vandal-Resistant Lens

Mounting Options:

Mounting Kit with 8" Anchor Bolts, Included.

EasyLED LED:

Aluminum Boards

Wattage:

360° 17w Array: 16.6w, System: 18.9w
180° & 120° 16w Array: 15.5w, System: 18.5w; (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.

12V: Electronic Driver, 12-17VAC Input, 50/60Hz, Non-Dimmable

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.

Ordering Information:



PB50QF

Full Cutoff Bollard with
360° Distribution



PB5HQF

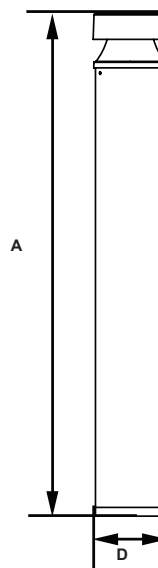
Full Cutoff Bollard
with 180° Shield



Shown with "S3" Sensor



Shown with GFCI

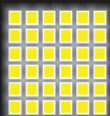


Dimensions:

Diameter (D) 4 3/4" (120mm)

Height (A) 40 1/2" (1019mm)

Model	Driver	CCT	Lens	Color	Height	Options
PB50QF1X17 =Full Cutoff Bollard - 360° PB5TQF1X16 =Full Cutoff Bollard with 120° Shield PB5HQF1X16 =Full Cutoff Bollard with 180° Shield	U =120-277V V =12V	3K =3000K* 4K =4000K 5K =5000K	C =Clear Polycarbonate Vandal-Resistant Lens *360° Model Only.	Z =Bronze B =Black C =Custom (Consult Factory)	(Leave Blank) = 40 " Standard Height 30 =30" Height	SF =Single Fuse (120-277V Only) DF =Double Fuse (120-277V Only) SP =Surge Protection GF1 =GFCI Outlet, 15A, 120V S3 =Internal Microwave Sensor (120-277V Only)



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Accessories & Replacement Parts:



Mounting Accessories (Order Separately, Field Installed)

BREBASE* Bollard Retrofit Base Kit Adapts New Bollards to Most Existing Bolt Patterns. Fits all LEPC 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)

NT150BK 150w, 120V Black Powdercoat Steel Landscape Transformer, 12V, with Timer and Photocell

NT300SS 300w, 120V Stainless Steel Landscape Transformer, 12V, with Timer and Photocell

NT300SSM 300w, 120V Stainless Steel Landscape Transformer, Multi-Tap 12/14/17V, with Timer and Photocell

P17122 Remote Programming Tool for P17121

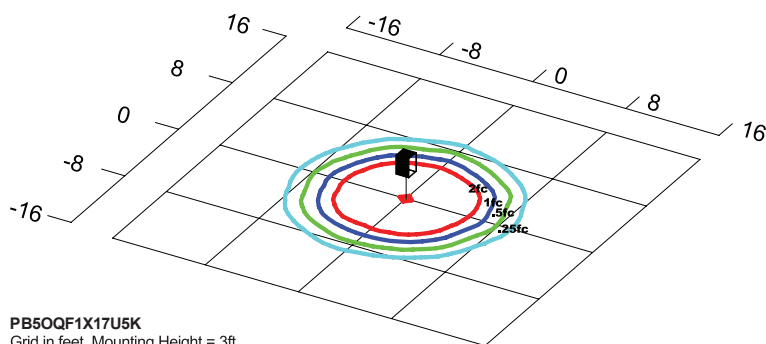
Replacement Parts (Order Separately, Field Installed)

P17121 Internal Microwave Sensor (120-277V Only)

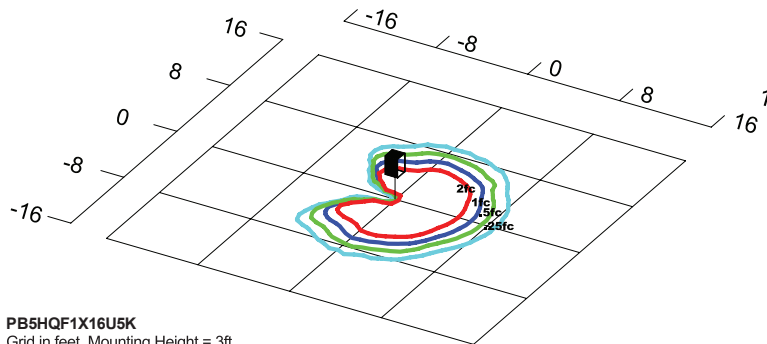
BOADP1 Adapter Plate with Gaskets for Outlet Boxes. Fits LEPC Round Bollards. Die Cast with Bronze Powdercoat Finish.

*Shown Mounted

Photometric Data



PB5OQF1X17U5K
Grid in feet, Mounting Height = 3ft.



PB5HQF1X16U5K
Grid in feet, Mounting Height = 3ft.

Photometric Performance

3000 CCT 80 CRI				5000 CCT 80 CRI					4000 CCT 80 CRI					3000 CCT 80 CRI				
LED Board Watts	Drive Current (mA)	Input Watts	Optics	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
EasyLED 19w	525	19	360° B5O	702	37	0	1	0	674	36	0	1	0	621	33	0	1	0
EasyLED 19w	525	19	180° B5H	508	28	0	1	0	488	26	0	1	0	-	-	-	-	-

Projected Lumen Maintenance

Data shown for 4000 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	19	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	19	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	19	1.00	0.92	0.85	0.70	66,000