

Spec Grade
PROlite LED Lighting™

A Division of Emergensee® Lighting, Inc.



Job Name: _____

Type: _____

Part #: _____

Notes: _____

EasyLED Round 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.

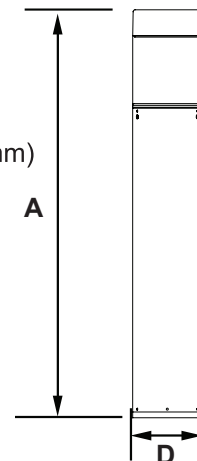
Order Information:

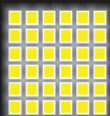
| Model | Optics | Wattage | Driver | CCT | Color | Height | Options |
|--|---|----------|--------------------------------------|--|---|---|--|
| | | 1X15=15w | | | | | |
| PBOFGQ =Round Flat Top Bollard with Glass | C =Type III* F =Wide Beam Spread | 1X15=15w | U =120-277V C =347V | 3K =3000K 4K =4000K 5K =5000K | Z =Bronze B =Black C =Custom (Consult Factory) | (Leave Blank) =42" Standard Height 36 =36" Height 30 =30" Height | SF =Single Fuse (120-277V Only) DF =Double Fuse (120-277V Only) 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 =Internal Microwave Sensor (120-277V Only) BU =Battery Backup, 90 Minutes |
| PBOFRLQ =Round Flat Top Bollard with LED Cone Reflector | | | | | | | |
| PBOFRWQ =Round Flat Top Bollard with White LED Cone Reflector | *ABOFGQ, ABOFRLQ and ABOFRWQ only | | | | | | |
| PBOFLQ =Round Flat Top Bollard with Louvers | | | | | | | |



Dimensions

Diameter (D) 7" (178mm)
Height (A) 41 5/8" (1,057mm)





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Accessories & Replacement Parts:



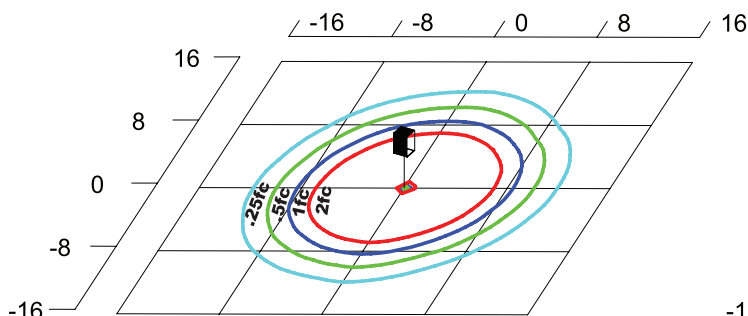
| Mounting Accessories (Order Separately, Field Installed) | |
|---|---|
| BOLAN4 | Mounting Kit, Includes Bracket & Three (3) 4" Anchor Bolts |
| BOLAN8 | Mounting Kit, Includes Bracket & Three (3) 8" Anchor Bolts |
| BOLAN12 | Mounting Kit, Includes Bracket & Three (3) 12" Anchor Bolts |
| BOLAN15 | 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 |

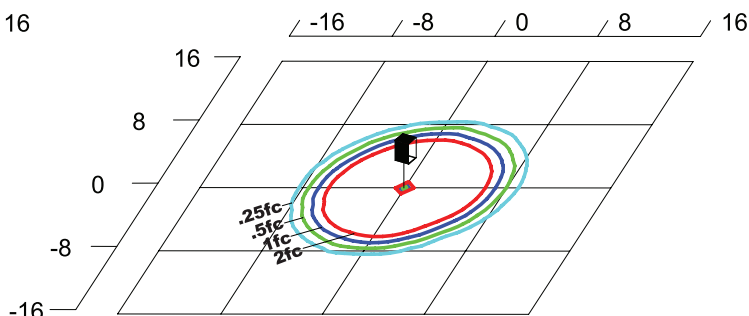
| Replacement Parts (Order Separately, Field Installed) | |
|--|--|
| P17121 | Internal Microwave Sensor (120-277V Only) |
| BOLPC | Replacement Round UV-Stabilized Polycarbonate Vandal-Resistant Lens |
| BORBASE* | Die Cast Base Plate with Powdercoat Finish Over a Chromate Conversion Coating. |
| BOADP1 | Adapter Plate with Gaskets for Outlet Boxes. Fits LEPC Round Bollards. Die Cast with Bronze Powdercoat Finish. |
| *Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory) | |
| For Replacement Battery Backup, see the LEPC LED Battery Backup Specification Sheet. | |

*Shown Mounted

Photometric Data



PBOFGQF1X15U5K
Type V
Grid in feet, Mounting Height = 3.5 ft.



PBOFRLQF1X15U5K
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 | ABOFG Glass | 1,125 | 66 | 1 | 3 | 1 | 1,080 | 64 | 1 | 3 | 1 | 996 | 56 | 1 | 3 | 1 |
| | | | ABOFL Louvers | 778 | 46 | 1 | 2 | 1 | 747 | 44 | 1 | 2 | 1 | 689 | 41 | 1 | 2 | 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.