

Spec Grade
PROlite LED Lighting

A Division of Emergensee® Lighting, Inc.

TYPE: _____ DATE: _____
 JOB NAME: _____
 CONTRACTOR: _____
 CATALOG NO: _____
 NOTES: _____

HiLumen Amber Stainless Steel Bollards



The LEPG HiLumen Amber Bollards are designed to provide a direct 1-to-1 replacement for 35w Low Pressure Sodium (LPS) lighting systems. 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:

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

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

HiLumen Amber LED: Aluminum Boards

Wattage: Array: 15w, System: 16.5w; (35w SOX LPS Replacement)'

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 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 |
|---|----------------------------|------------------|--------------------|--------------------------|----------------------------|---|--|
| | F | 1X15 | U | HA | SS | | |
| PBORLQ =HiLumen Amber Round Dome Bollard with LED Cone Reflector | F =Wide Beam Spread | 1X15 =15w | U =120-277V | HA =HiLumen Amber | SS =Stainless Steel | (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 |
| PBORWQ =HiLumen Amber Round Dome Bollard with White LED Cone Reflector | | | | | | | |
| PBOLQ =HiLumen Amber Round Dome Bollard with Louvers | | | | | | | |



LED Cone Reflector
PBORLQ



Shown with "S3"
Sensor



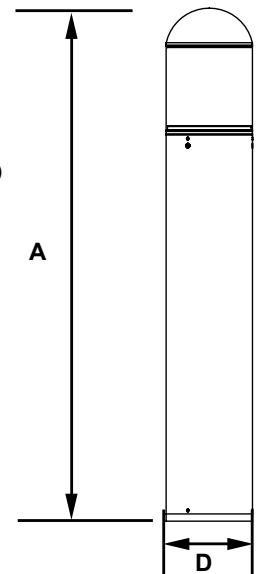
Louvers
PBOLQ

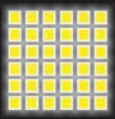


Shown with GFCI

Dimensions:

Diameter (D) 7" (178mm)
Height (A) 41 3/4" (1,060mm)





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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 LEPG Bollards. Die Cast with Powdercoat Finish, Hardware Included. 11½" Dia. x 1½" H |

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

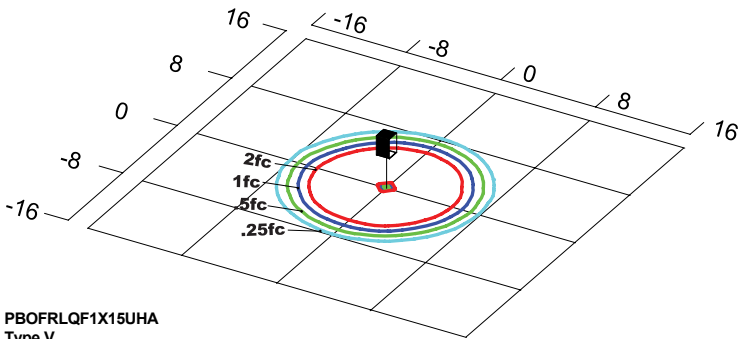
| Accessories (Order Separately, Field Installed) | |
|--|------------------------------------|
| P17122 | Remote Programming Tool for P17121 |

| 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 Black Powdercoat Finish Over a Chromate Conversion Coating. |
| BOADP1 | Adapter Plate with Gaskets for Outlet Boxes. Fits LEPG Round Bollards. Die Cast with Bronze Powdercoat Finish. |

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

*Shown Mounted

Photometric Data

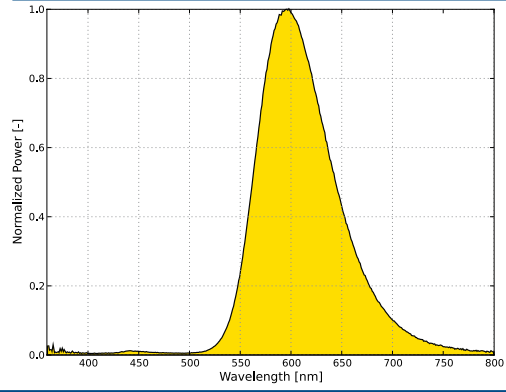


PBOFRLQF1X15UHA
Type V
Grid in feet, Mounting Height=3.5 ft.

Photometric Performance

| LED Board Watts | Drive Current (mA) | Input Watts | Optics | HiLumen Amber | | | | |
|-------------------|--------------------|-------------|-----------------|---------------|-----|---|---|---|
| | | | | Lumens | LPW | B | U | G |
| HiLumen Amber 15w | 116 | 17 | BOL Louvers | 595 | 35 | 0 | 2 | 0 |
| | | | Cone Reflectors | 1,178 | 69 | 1 | 3 | 1 |

Spectral Chart



Projected Lumen Maintenance

| Data shown for HiLumen Amber | | Compare to LPS | | | | |
|--------------------------------------|-------------|----------------|------------|------------|-------------|----------------------|
| 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 |