

EasyLED Full Cutoff Bollard

L70
25°C

147,000 Hours



B50QQF
Full Cutoff Bollard
with 360° Distribution



B5HQF
Full Cutoff Bollard
with 180° Shield



Shown with "S5"
Sensor



Shown with GFCI



Dimensions

| | |
|---------------------|------------------|
| Diameter (D) | 4 1/4" (120mm) |
| Height (A) | 40 1/2" (1019mm) |

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, Flat Top. Bollards Can Be Cut to Custom Lengths Upon Request.

Listing & Ratings:

ETL: 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 UV-Stabilized Polycarbonate Vandal-Resistant Lens

Mounting Options:

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

EasyLED LED:

Aluminum Boards

Wattage:

360° Arrays: 12w & 16.6w, System: 12.9w & 18.9w
180° & 120° Arrays: 10w & 15.5w, System: 11.2w & 17w; (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.

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 QSSI 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.

See Page 3 for Projected Lumen Maintenance Table.

Project Information:

| | |
|---------------------|---------------|
| Project Name: | Fixture Type: |
| Complete Catalog #: | Date: |
| Comments: | |

Certification & Listings:



Order Information Example:

B50QF1X17U4KCZ30SP

| Model | Driver | CCT | Lens | Color | Height | Options |
|--|--------------------|--|---|---|--|---|
| B50QQF1X12 =Full Cutoff Bollard - 360°, 12w B50QQF1X17 =Full Cutoff Bollard - 360°, 17w B5TQQF1X10 =Full Cutoff Bollard with 120° Shield, 10w B5TQQF1X16 =Full Cutoff Bollard with 120° Shield, 16w B5HQQF1X10 =Full Cutoff Bollard with 180° Shield, 10w B5HQQF1X16 =Full Cutoff Bollard with 180° Shield, 16w | U =120-277V | 3K =3000K 4K =4000K 5K =5000K | C =Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens | Z =Bronze B =Black C =Custom (Consult Factory) | (Leave Blank) =40 1/4" Standard Height 30 =30" Height | SF =Single Fuse* DF =Double Fuse* SP =Surge Protection GF1 =GFCI Outlet, 15A, 120V S5 =Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See P17125 Spec Page for Details.* *120-277V Models Only. |

Accessories & Replacement Parts:

Mounting Accessories (Order Separately, Field Installed)

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



BREBASE*

*Shown Mounted

Accessories (Order Separately, Field Installed)

P17126 Remote Programming Tool for P17125



P17126

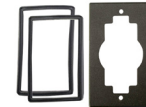
Replacement Parts (Order Separately, Field Installed)

P17125 Internal Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See P17125 Spec Page for Details.

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

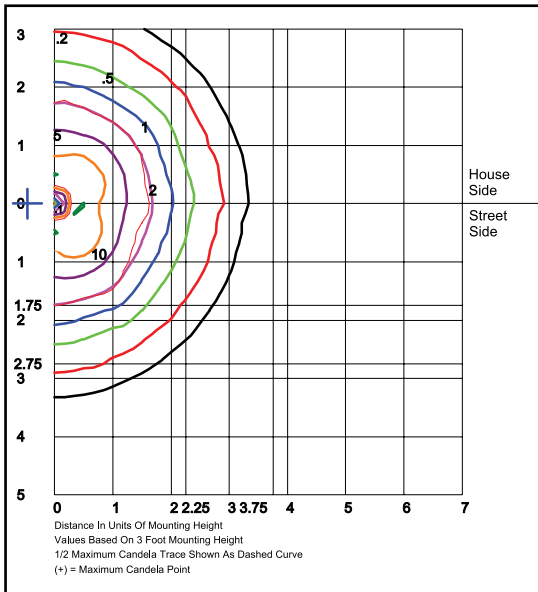


P17125

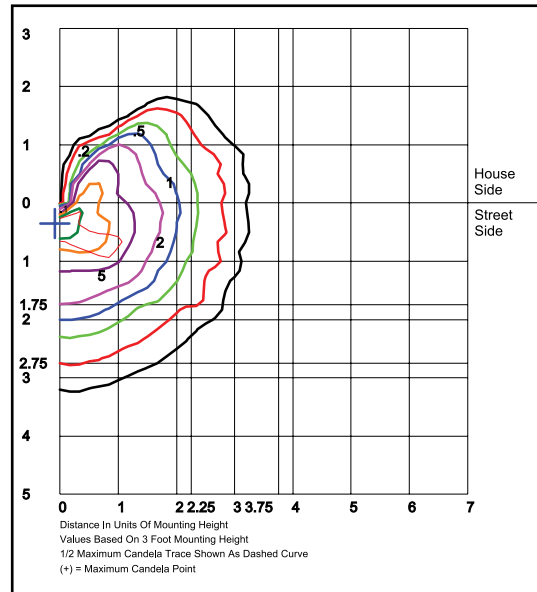


BOADP1

Photometric Data



B50QQF1X17U5K
360° Open - Clear Glass Lens
Grid in feet, Mounting Height = 3 ft.



B5HQQF1X16U5K
180° Shield - Clear Glass Lens
Grid in feet, Mounting Height = 3 ft.

Photometric Performance

| Optic | CCT | Wattage (Catalog Logic) | | Delivered Lumens |
|---|------------|-------------------------|------------|------------------|
| | | 12W (1X12) | 17W (1X17) | |
| 360° B50 Models F=Type V Optic | 3000K | 12.9W | 18.1W | 479 |
| | 4000K | | | 520 |
| | 5000K | | | 541 |
| | BUG Rating | B0-U1-G0 | B1-U2-G0 | |

| Optic | CCT | Wattage (Catalog Logic) | | Delivered Lumens |
|---|------------|-------------------------|------------|------------------|
| | | 10W (1X10) | 16W (1X16) | |
| 180° B5H Models F=Type V Optic | 3000K | 11.2W | 17W | 338 |
| | 4000K | | | 352 |
| | 5000K | | | 366 |
| | BUG Rating | B0-U1-G0 | B0-U1-G0 | |

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 LED Life |
| L70 Lumen Maintenance @ 25°C / 77°F | All wattages up to and including 19w | 1.00 | 0.95 | 0.90 | 0.80 | 147,000 |
| L70 Lumen Maintenance @ 50°C / 122°F | | 1.00 | 0.89 | 0.78 | 0.55 | 67,000 |
| L80 Lumen Maintenance @ 40°C / 104°F | | 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 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.