



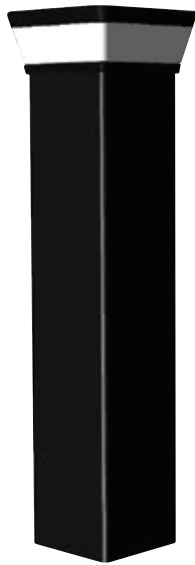
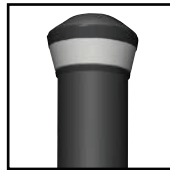
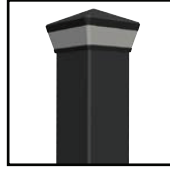
NOTES:

FIXTURE TYPE:

PROJECT:

L70
25°C

106,000 Hours

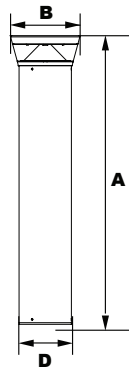
**LXB1Q - Round Flat Top (Clear Lens)****LXB2Q - Square Flat Top (LumaLens)****LXB1BQ - Round Dome Top****LXB2CQ - Square Pyramid Top****Shown with "S3" Sensor****Shown with GFCI**

PRODUCT DESCRIPTION

The LXB1Q and LXB2Q LED Cutoff Bollards with UV-stabilized polycarbonate lenses and sealed optical compartments 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.

DIMENSIONS

| | |
|---------------------|---|
| Width (B) | 9 1/4" (234mm) |
| Diameter (D) | 7" (180mm) |
| Height (A) | Flat Top: 35 1/4" (908mm) Dome Top: 38 1/4" (968mm) Pyramid Top: 38 3/8" (968mm) |



ORDERING INFORMATION

EXAMPLE: LXB2CQF1X34U4KCZ30SF

| Model | Optic | Wattage | Driver | CCT | Lens | Color | Height | Options |
|---|----------------------------|--|--|--------------------------------------|--|---|---|---|
| LXB1Q =Round Bollard, Flat Top LXB1BQ =Round Bollard, Dome Top LXB2Q =Square Bollard, Flat Top LXB2CQ =Square Bollard, Pyramid Top | F =Wide Beam Spread | 1X16 =16w 1X23 =23w 1X34 =34w | U =120-277V C =347V* H =347-480V* *23w Model Only *34w Model Only | 3K =3000K 4K =4000K | C =Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens L =SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens | Z =Bronze B =Black C =Custom (Consult Factory) | (Leave Blank) = 34 3/4" Standard Height 30 =30" Height | SF =Single Fuse* DF =Double Fuse* SP =Surge Protection GF1 =GFCI Outlet, 15A, 120V S3 =Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See P17121 Spec. Page for Details. BU =Battery Backup, 90 Minutes* *120-277V Models Only. |

FEATURES

Housing:

Extruded Aluminum Housing with Flush Mounting Base & Vandal-Resistant Screws, Flat, Dome or Pyramid Tops, Internal Driver Tray for Easy Maintenance.

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.

Reflector:

Reflective White UV-Stabilized Polycarbonate Cone Reflector

Lens:

Clear UV-Stabilized Polycarbonate or SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens.

Mounting Options:

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

EasyLED LED:

Aluminum Boards

Wattage:

Array: 16w, System: 17.7w (up to 70w HID equivalent)
 Array: 23w, System: 24.8w (up to 70w HID equivalent)
 Array: 34w, System: 37.2w (up to 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 LEPC 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 -20°C to +40°C Environment.

See Page 3 for Projected Lumen Maintenance Table.

ACCESSORIES & REPLACEMENT PARTS



Mounting Accessories (Order Separately, Field Installed)

| | |
|----------|---|
| BOLLAN4 | Mounting Kit, Includes Bracket & Three (3) 4" Zinc-Plated Anchor Bolts |
| BOLLAN8 | Mounting Kit, Includes Bracket & Three (3) 8" Zinc-Plated Anchor Bolts |
| BOLLAN12 | Mounting Kit, Includes Bracket & Three (3) 12" Zinc-Plated Anchor Bolts |
| BOLLAN15 | Mounting Kit, Includes Bracket & Three (3) 15" Zinc-Plated 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 1¼" H |

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

Accessories (Order Separately, Field Installed)

| | |
|--------|------------------------------------|
| P17122 | Remote Programming Tool for P17121 |
|--------|------------------------------------|

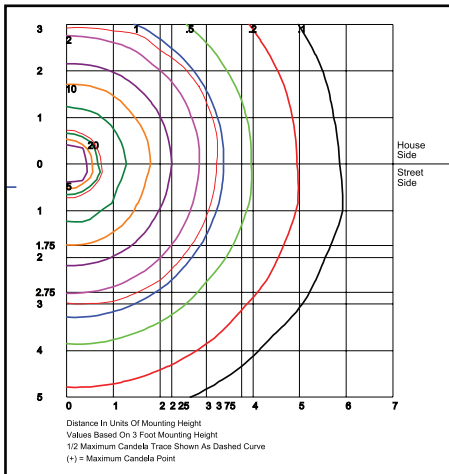
Replacement Parts (Order Separately, Field Installed)

| | |
|----------|--|
| P17121 | Internal Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See P17121 Spec. Page for Details. |
| BORBASE* | Die Cast Base Plate with Powdercoat Finish Over a Chromate Conversion Coating. Fits B1. |
| BOSBASE* | Die Cast Base Plate with Powdercoat Finish Over a Chromate Conversion Coating. Fits B2. |
| 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)

*Shown Mounted

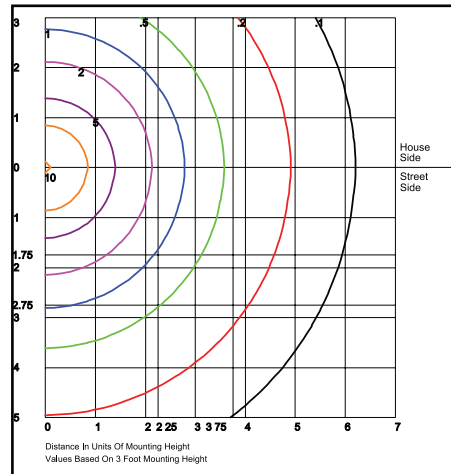
PHOTOMETRIC DATA



LXB1QF1X34U4KC & LXB1BQF1X34U4KC

Type V, Clear Lens

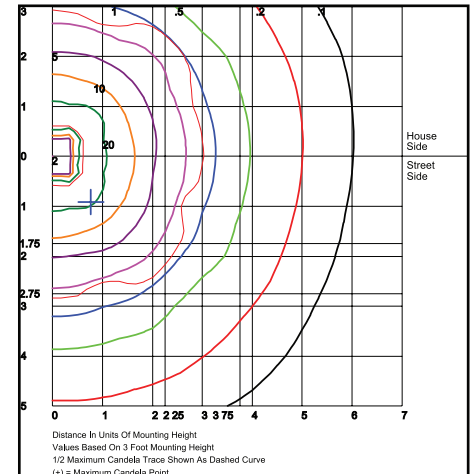
Grid in feet, Mounting Height = 3 ft.



LXB1QF1X34U4KL & LXB1BQF1X34U4KL

Type V, LumaLens

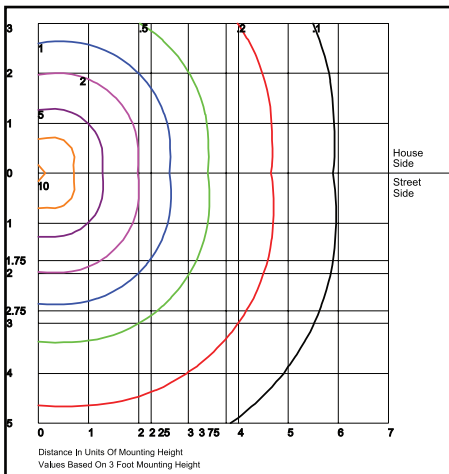
Grid in feet, Mounting Height = 3 ft.



LXB2QF1X34U4KC & LXB2CQF1X34U4KC

Type V, Clear Lens

Grid in feet, Mounting Height = 3 ft.



LXB2QF1X34U4KL & LXB2CQF1X34U4KL

Type V, LumaLens

Grid in feet, Mounting Height = 3 ft.

PHOTOMETRIC PERFORMANCE

| Wattage (Catalog Logic) | | 16W (1X16) | 23W (1X23) | 34W (1X34) |
|---|------------|------------------|---------------|---------------|
| Input Watts | | 17.7W | 24.8W | 37.2W |
| Optic | CCT | Delivered Lumens | | |
| LXB1 with Clear Glass F=Type V Optic | 3000K | 1,406 | 1,968 | 2,952 |
| | 4000K | 1,525 | 2,135 | 3,202 |
| | BUG Rating | B1-U3-G1 | B1-U3-G1 | B1-U3-G1 |
| LXB1 with LumaLens F=Type V Optic | 3000K | 899 | 1,258 | 1,888 |
| | 4000K | 975 | 1,365 | 2,047 |
| | BUG Rating | B1-U3-G1 | B1-U3-G1 | B1-U4-G2 |

| Wattage (Catalog Logic) | | 16W (1X16) | 23W (1X23) | 34W (1X34) |
|---|------------|------------------|---------------|---------------|
| Input Watts | | 17.7W | 24.8W | 37.2W |
| Optic | CCT | Delivered Lumens | | |
| LXB1 with Clear Glass F=Type V Optic | 3000K | 1,432 | 2,005 | 3,008 |
| | 4000K | 1,554 | 2,175 | 3,263 |
| | BUG Rating | B1-U3-G1 | B1-U3-G1 | B1-U4-G2 |
| LXB2 with LumaLens F=Type V Optic | 3000K | 864 | 1,210 | 1,816 |
| | 4000K | 938 | 1,313 | 1,969 |
| | BUG Rating | B1-U3-G1 | B1-U3-G1 | B1-U4-G2 |

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 |
| LXB1/B2 L70 Lumen Maintenance @ 25°C / 77°F | All wattages up to and including 34w | 1.00 | 0.93 | 0.86 | 0.72 | 106,000 |
| LXB1/B2 L70 Lumen Maintenance @ 50°C / 122°F | | 1.00 | 0.91 | 0.83 | 0.66 | 88,000 |
| LXB1/B2 L80 Lumen Maintenance @ 40°C / 104°F | | 1.00 | 0.92 | 0.84 | 0.67 | 61,000 |

- 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.