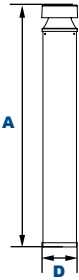


# EasyLED Full Cutoff Bollard

**L70**  
25°C **147,000 Hours**



### Dimensions

<b>Diameter (D)</b>	4 3/4" (120mm)
<b>Height (A)</b>	34" (865mm)

## EasyLED Technology

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

#### Warranty:

5-Year Warranty for -40°C to +50°C Environment.

See Page 2 for Projected Lumen Maintenance Table.

### Order Information Example:

**B50QF1X17U4KCZ30SP**

Model	Driver	CCT	Lens	Color	Height	Options
<b>B50QF1X17</b> =Full Cutoff Bollard - 360° <b>B5TQF1X16</b> =Full Cutoff Bollard with 120° Shield <b>B5HQF1X16</b> =Full Cutoff Bollard with 180° Shield	<b>U</b> =120-277V <b>V</b> =12V	<b>4K</b> =4000K <b>5K</b> =5000K	<b>C</b> =Clear Polycarbonate Vandal-Resistant Lens	<b>Z</b> =Bronze <b>B</b> =Black <b>C</b> =Custom (Consult Factory)	<b>(Leave Blank)</b> =34" Standard Height <b>30</b> =30" Height	<b>SF</b> =Single Fuse <b>DF</b> =Double Fuse <b>SP</b> =Surge Protection <b>GF1</b> =GFCI Outlet, 15A, 120V

### Project Information:

Project Name: \_\_\_\_\_ Fixture Type: \_\_\_\_\_

Complete Catalog #: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_

### Certification & Listings:



Specifications subject to change without notice. Rev. 021419

**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)

**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

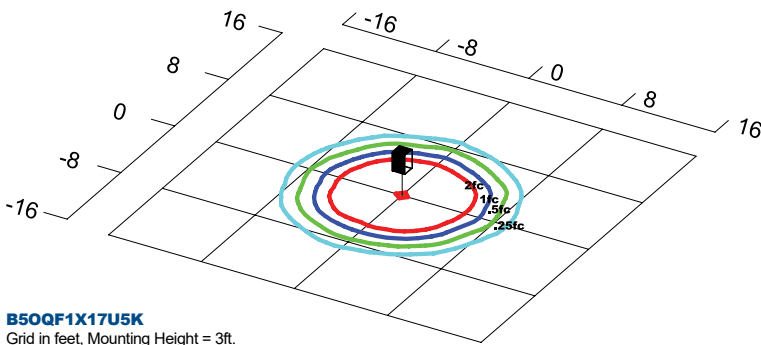
**Replacement Parts (Order Separately, Field Installed)**

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

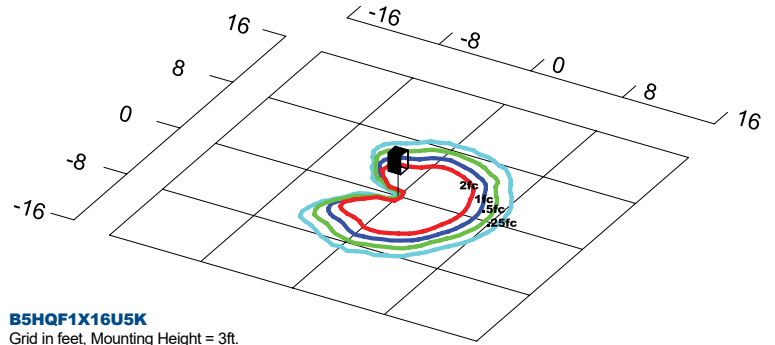


\*Shown Mounted

**Photometric Data**



**B50QF1X17U5K**  
Grid in feet, Mounting Height = 3ft.



**B5HQF1X16U5K**  
Grid in feet, Mounting Height = 3ft.

**Photometric Performance**

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI					4000 CCT 80 CRI				
				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
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
<b>L70 Lumen Maintenance @ 25°C / 77°F</b>	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
<b>L70 Lumen Maintenance @ 50°C / 122°F</b>	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
<b>L80 Lumen Maintenance @ 40°C / 104°F</b>	19	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 525mA 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.

Specifications subject to change without notice. Rev. 090418