

EasyLED Full Cutoff Bollard

L70
25°C **147,000 Hours**



BFFC
Full Cutoff Bollard
with 360° Distribution



BFFC180
Full Cutoff Bollard
with 180° Shield

The Jemm 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
IP65 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

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.

Warranty:

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

See Page 2 for Projected Lumen Maintenance Table.



Dimensions

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

Order Information Example:

BFFC180U4KZC30

	U	4K		C	
Model	Driver	CCT	Color	Lens	Height

BFFC=Full Cutoff Bollard - 360°
BFFC120=Full Cutoff Bollard with 120° Shield
BFFC180=Full Cutoff Bollard with 180° Shield

U=120-277V

4K=4000K

Z=Bronze
B=Black
C=Custom (Consult Factory)

C=Clear Polycarbonate Vandal-Resistant Lens

(Leave Blank)= 34" Standard Height
30=30" Height

Project Information:

Project Name: _____ Fixture Type: _____

Complete Catalog #: _____ Date: _____

Comments: _____

Certification & Listings:



Accessories & Replacement Parts:



BREBASE*



BOADP1

*Shown Mounted

Mounting Accessories (Order separately, Field installed)

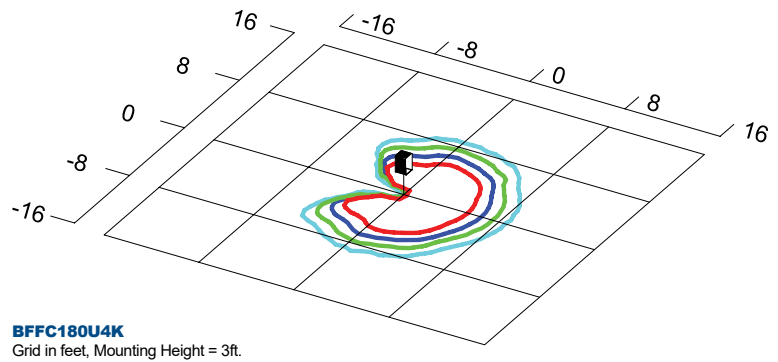
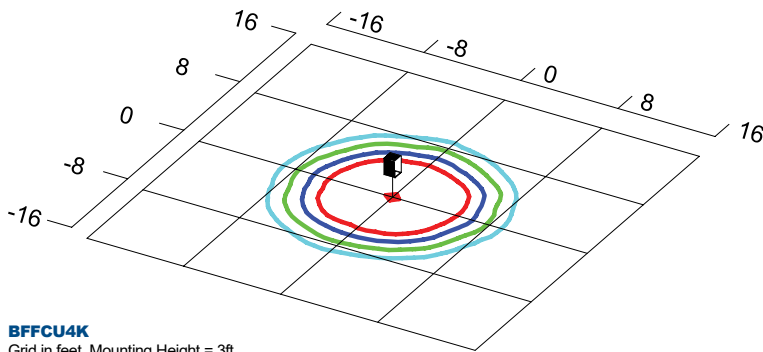
BREBASE* Bollard Retrofit Base Kit Adapts New Bollards to Most Existing Bolt Patterns. Fits all Eco-Revolution Bollards. Die Cast with Powdercoat Finish, Hardware Included. 1 1/2" Dia. x 1 1/2" H

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

Replacement Parts (Order separately, Field installed)

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

Photometric Data



Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	4000 CCT 80 CRI				
				Lumens	LPW	B	U	G
EasyLED 19w	525	19	360° B5O	674	36	0	1	0
EasyLED 19w	525	19	180° B5H	488	26	0	1	0

Projected Lumen Maintenance

Data shown for 4000 CCT	Input Watts	Compare to MH				
		Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C
TM-21-11 L70 Lumen Maintenance @ 25°C / 77°F	19	1.00	0.95	0.90	0.80	147,000
TM-21-11 L70 Lumen Maintenance @ 50°C / 122°F	19	1.00	0.89	0.78	0.55	67,000
TM-21-11 L80 Lumen Maintenance @ 40°C / 104°F	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.