

CLYD Full Cutoff Bollard

L70
25°C

147,000 Hours



AF33XB50QF
Full Cutoff Bollard
with 360° Distribution



AF33XB5HQF
Full Cutoff Bollard
with 180° Shield



Dimensions

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

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:

AF33XB50QF1X17U4KCZ30SP

Model	Driver	CCT	Lens	Color	Height	Options
AF33XB50QF1X17 = Full Cutoff Bollard - 360°	U =120-277V V =12V	4K =4000K 5K =5000K	C =Clear Polycarbonate Vandal-Resistant Lens	Z =Bronze B =Black C =Custom (Consult Factory)	(Leave Blank) = 34" Standard Height 30 =30" Height	SF =Single Fuse DF =Double Fuse SP =Surge Protection GF1 =GFCI Outlet, 15A, 120V
AF33XB5TQF1X16 = Full Cutoff Bollard with 120° Shield						
AF33XB5HQF1X16 = Full Cutoff Bollard with 180° Shield						

Project Information:

Project Name: _____ Fixture Type: _____

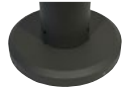
Complete Catalog #: _____ Date: _____

Comments: _____

Certification & Listings:



Accessories & Replacement Parts:



AF33XBREBASE* AF33XNT150BK AF33XNT300SS, AF33XNT300SSM



AF33XBOADP1

*Shown Mounted

Mounting Accessories (Order Separately, Field Installed)

AF33XBREBASE* Bollard Retrofit Base Kit Adapts New Bollards to Most Existing Bolt Patterns. Fits all LEPC 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)

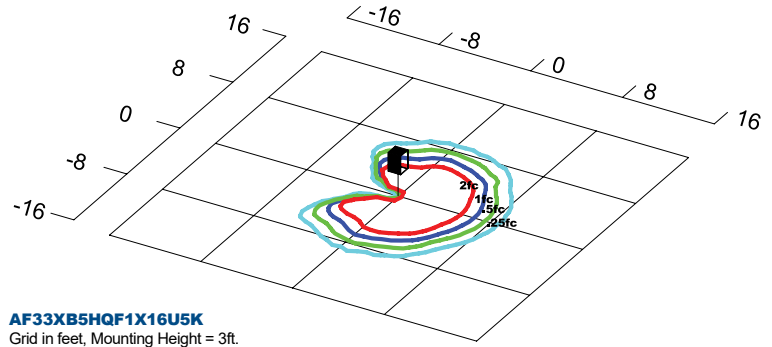
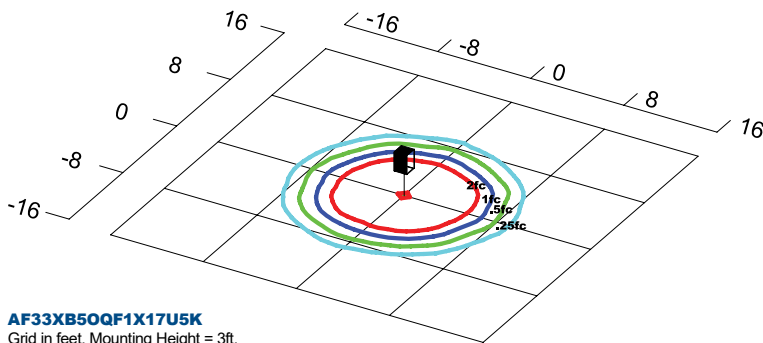
AF33XNT150BK 150w, 120V Black Powdercoat Steel Landscape Transformer, 12V, with Timer and Photocell

AF33XNT300SS 300w, 120V Stainless Steel Landscape Transformer, 12V, with Timer and Photocell

AF33XNT300SSM 300w, 120V Stainless Steel Landscape Transformer, Multi-Tap 12/14/17V, with Timer and Photocell

AF33XBOADP1 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	5000 CCT 80 CRI					4000 CCT 80 CRI				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
19w	525	19	360° B5O	702	37	0	1	0	674	36	0	1	0
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
L70 Lumen Maintenance @ 25°C / 77°F	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
L70 Lumen Maintenance @ 50°C / 122°F	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
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.