

The AFRB20Q EasyLED Aeroform Bollard with polycarbonate lens and sealed optical compartment is designed to replace HID lighting systems up to 70w MH or HPS. This fixture is 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, Sand Cast Twin Arm Head, Sealed Driver Compartment.
Listing & Ratings:	CSA: Listed for Wet Locations, ANSI/UL 1598, 8750 IP66 Sealed LED Compartment.
Finish:	Textured Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.
Lens:	SoftLED LumaLens Opal Polycarbonate Vandal-Resistant Inner Lens to Seal LED Array.
Mounting Options:	Mounting Kit with 8" Anchor Bolts, Included.
EasyLED LED:	Aluminum Boards
Wattage:	Array: 16.5w, System: 19w; (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.
Warranty:	5-Year Warranty for -40°C to +50°C Environment.

See Page 2 for Projected Lumen Maintenance Table.

L70
25°C **187,000 Hours**



Dimensions

Width (B)	11" (280mm)
Diameter (D)	4 3/4" (120mm)
Height (A)	42" (1,067mm)

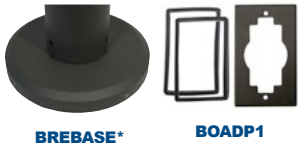
Certification & Listings:



AFRB20Q	F	1X17			L			
Model	Optics	Wattage	Driver	CCT	Lens	Color	Height	Options
AFRB20Q = EasyLED Aeroform Round Bollard	F=Wide Beam Spread	1X17=17w	U=120-277V C=347V	3K=3000K 4K=4000K 5K=5000K	L=SoftLED LumaLens Opal Polycarbonate Array Lens	Z=Bronze B=Black W=White G=Gray C=Custom (Consult Factory)	(Leave Blank)= 42" Standard Height 36=36" Height 30=30" Height	GF1=GFCI Outlet, 15A, 120V

Order Information Example: AFRB20QF1X17U5KLBGF1

Accessories & Replacement Parts:



*Shown Mounted

Mounting Accessories (Order Separately, Field Installed)

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

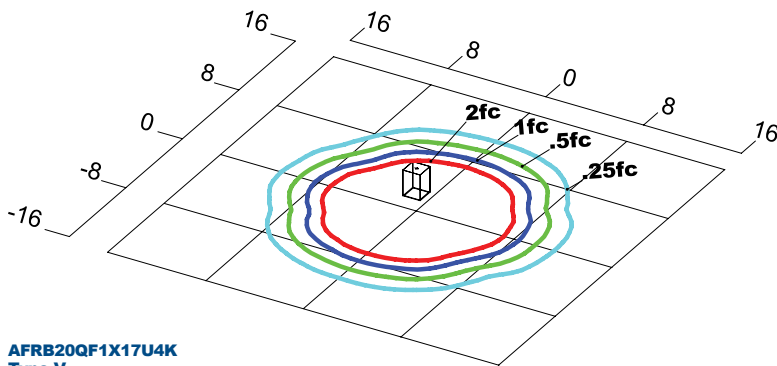
*Specify Color: Z=Bronze, B=Black, W=White, G=Gray, C=Custom (Consult Factory)

Replacement Parts (Order Separately, Field Installed)

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

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

Photometric Data



AFRB20QF1X17U4K
Type V
Grid in feet, Mounting Height = 3.5 ft.

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	4000 CCT 70 CRI				
				Lumens	LPW	B	U	G
EasyLED 17w	125	20	Type V SoftLED	2,081	106	1	1	0

Projected Lumen Maintenance

Data shown for 5000 CCT			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C
AFB20 L70 Lumen Maintenance @ 25°C / 77°F	20	1.00	0.96	0.92	0.84	187,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
AFB20 L70 Lumen Maintenance @ 50°C / 122°F	20	1.00	0.93	0.87	0.73	113,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
AFB20 L80 Lumen Maintenance @ 40°C / 104°F	20	1.00	0.97	0.93	0.86	144,000

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 125mA 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.