

AmberLED Round Flat Bollards

L70
25°C 147,000 Hours

The Jemm AmberLED Bollards with choice of optics are designed to replace HID lighting systems up to 70w MH or HPS for wildlife or security applications requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required for wildlife protection. 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, Internal Ballast Tray for Easy Maintenance. Bollards Can Be Cut to Custom Lengths Upon Request.

Finish:

Textured Architectural Bronze or Black Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Style:

IES Type III or V Clear Prismatic Borosilicate Glass Refractor, Specially Designed Aluminum Cone Reflector or Internal Louvers

Lens:

Clear Polycarbonate Vandal-Resistant Lens

Mounting Options:

Mounting Kit with 8" Anchor Bolts, Included.

AmberLED:

Aluminum Boards

Wattage:

Array: 14.5w, System: 17w (70w HID Equivalent)

Driver:

Electronic Driver, 120-277V, 50/60Hz; Dimmable Driver

Listing & Ratings:

CSA: Listed for Wet Locations.
Operating Temperatures: -40°C to +40°C
IP65 Sealed LED Compartment.

See Page 2 for Projected Lumen Maintenance Table.

5-Year Warranty.

AmberLED



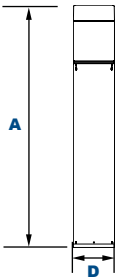
IES Type III & V Glass
BF3COB & BF5COB



LED Cone Reflector
BFRCOB



Louvers
BFLCOB



Dimensions

Diameter (D)	7" (178mm)
Height (A)	41 1/8" (1,057mm)

Order Information Example:

BOFG3QF15UAMZ36SF

Model	Optics	Wattage	Driver	CCT	Color	Height	Options
	F		U	AM			
BF3COB =Round Flat Top Bollard with IES Type III Glass BF5COB =Round Flat Top Bollard with IES Type V Glass BFRCOB =Round Flat Top Bollard with LED Cone Reflector BFLCOB =Round Flat Top Bollard with Louvers	F =Wide Beam Spread	15w	U =120-277V	AM =Amber	Z =Bronze B =Black C =Custom (Consult Factory)	(Leave Blank) =42" Standard Height 36 =36" Height 30 =30" Height	SF =Single Fuse DF =Double Fuse SP =Surge Protection BU =Battery Backup, 90 Minutes

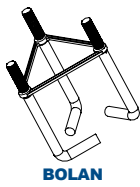
Project Information:

Project Name: _____ Fixture Type: _____
 Complete Catalog #: _____ Date: _____
 Comments: _____

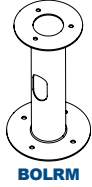
Certification & Listings:



Accessories & Replacement Parts:



BOLAN



BOLRM



BOLPC



3EBL120277

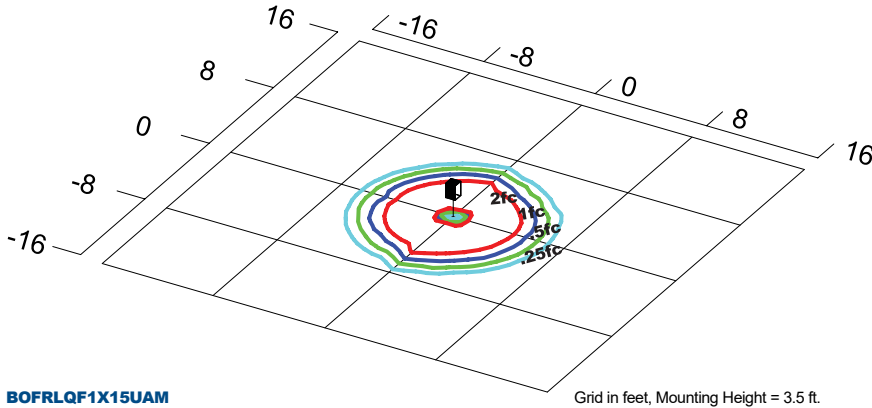
Mounting Accessories (Order separately, Field installed)

BOLAN4	Mounting Kit, Includes Bracket & Three (3) 4" Anchor Bolts
BOLAN8	Mounting Kit, Includes Bracket & Three (3) 8" Anchor Bolts
BOLAN12	Mounting Kit, Includes Bracket & Three (3) 12" Anchor Bolts
BOLAN15	Mounting Kit, Includes Bracket & Three (3) 15" Anchor Bolts
BOLRM	Root Mount Kit

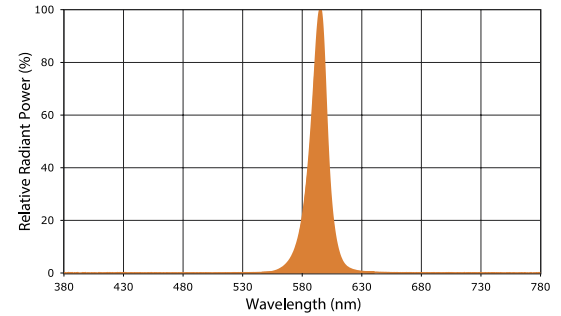
Replacement Parts (Order separately, Field installed)

BOLPC	Replacement Round Polycarbonate Vandal-Resistant Lens
3EBL120277	Battery Backup, Provides 90 Minutes of Backup Power.

Photometric Data



Amber LED - Spectral Chart



Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	Amber LEDs				
				Lumens	LPW	B	U	G
AmberLED 15w	116	17	BF3COB Type III Glass	277	16	0	2	0
			BF5COB Type V Glass	270	16	0	2	0
			BFLCOB Louvers	187	11	0	1	0
			BFRCOB Cone	360	21	0	2	0

Projected Lumen Maintenance

Data shown for Amber LEDs			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	17	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	17	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	17	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 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.