Job Name:

Type:

Part #:

Notes:

BOGQ SERIES

EasyLED Round Dome Bollards

The LEPG EasyLED 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, Domed Top, Internal Ballast Tray for Easy Maintenance. 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.

Style: 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.

EasyLED LED:Aluminum Boards

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

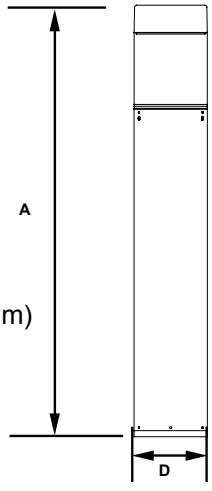
Driver: Electronic Driver, 120-277V, 50/60Hz or 347V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

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

Glass
EBOFGQ

LED Cone Reflector Shown with Glare Shield
EBOFRLQ

Louvers
EBOFLQ



Dimensions

Diameter (D)	7″ (178mm)
Height (A)	41⅝″ (1,057mm)

Order Information Example:

Model	Optics	Wattage	Driver	CCT	Color	Height	Options
EBOGQ=Round Dome Bollard with Glass **EBORLQ**=Round Dome Bollard with LED Cone Reflector **EBOLQ**=Round Dome Bollard with Louvers	**C**=Type III* **F**=Wide Beam Spread *BOGQ and BORLQ only	**1X15**=15w	**U**=120-277V **C**=347V	**3K**=3000K **4K**=4000K **5K**=5000K	**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 **GF1**=GFCI Outlet, 15A, 120V **GSB**=180° Glare Shield, Black **GSZ**=180° Glare Shield, Bronze **GSC**=180° Glare Shield, Custom Color, Consult Factory **BU**=Battery Backup, 90 Minutes

07.2019

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Job Name:

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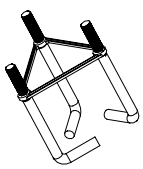
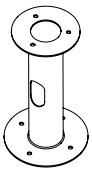
Notes:

Accessories & Replacement Parts:



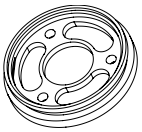
BOLAN



BOLRM

BREBASE*

BOLPC



BORBASE

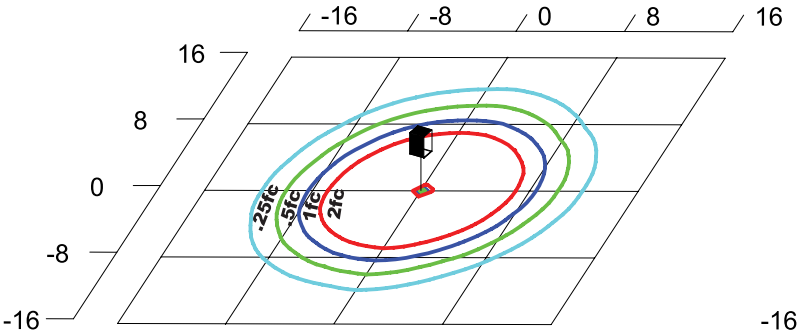
BOADP1

***Shown Mounted**

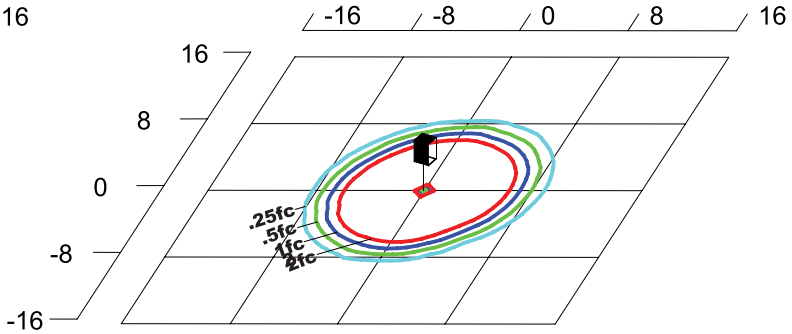
Mounting Accessories (Order Separately, Field Installed)	
BOLAN4	Mounting Kit, Includes Bracket & Three (3) 4″ Anchor Bolts
BOLAN8	Mounting Kit, Includes Bracket & Three (3) 8″ Anchor Bolts
BOLAN12	Mounting Kit, Includes Bracket & Three (3) 12″ Anchor Bolts
BOLAN15	Mounting Kit, Includes Bracket & Three (3) 15″ Anchor Bolts
BOLRM	Root Mount Kit
BREBASE*	Bollard Retrofit Base Kit Adapts New Bollards to Most Existing Bolt Patterns. Fits all LEPG Bollards. Die Cast with Powdercoat Finish, Hardware Included. 11½″ Dia. x 1½″ H
*Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory)	

Replacement Parts (Order Separately, Field Installed)	
BOLPC	Replacement Round Polycarbonate Vandal-Resistant Lens
BORBASE*	Die Cast Base Plate with Powdercoat Finish Over a Chromate Conversion Coating.
BOADP1	Adapter Plate with Gaskets for Outlet Boxes. Fits LEPG Round Bollards. Die Cast with Bronze Powdercoat Finish.
*Specify Color: Z=Bronze, B=Black	
For Replacement Battery Backup, see the LEPG LED Battery Backup Specification Sheet.	

Photometric Data



BOGQF1X15U5K
Type V
Grid in feet, Mounting Height = 3.5 ft.



BOGRLQF1X15U5K
Type V
Grid in feet, Mounting Height = 3.5 ft.

Photometric Performance

				5000 CCT 80 CRI					4000 CCT 80 CRI					3000 CCT 80 CRI				
LED Board Watts	**Drive Current (mA)**	**Input Watts**	**Optics**	**Lumens**	**LPW**	**B**	**U**	**G**	**Lumens**	**LPW**	**B**	**U**	**G**	**Lumens**	**LPW**	**B**	**U**	**G**
EasyLED 15w	116	17	BOG Glass	1,132	67	1	3	1	1,086	64	1	3	1	905	53	1	3	1
			BOL Louvers	763	45	1	2	1	733	43	1	2	1	675	40	1	2	1
			BORL Cone Reflector	1,510	89	1	3	1	1,450	85	1	3	1	1,225	72	1	3	1
			BORL Type III Optic	1,081	64	0	3	1	989	58	0	2	1	918	54	0	2	1

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**
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.**

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