

AmberLED Round Dome Bollards

L70
25°C 147,000 Hours



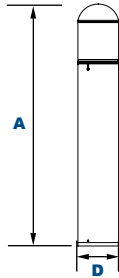
Louvers
BOWLQ



Shown with "S3"
Sensor



Shown with GFCI



Dimensions

| | |
|--------------|-------------------|
| Diameter (D) | 7" (178mm) |
| Height (A) | 42 1/4" (1,073mm) |

AmberLED Technology

The Jemm Lighting AmberLED Round Dome Top Bollards are available with cone reflector or louvers with 270° glare shield, and are certified by the Florida Fish & Wildlife Conservation Commission (FWC) for wildlife applications that are directly visible from the shore requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required by FWC. Typical applications include retail centers, hotels, residential, parks, schools and universities, 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. Includes 270° Shield Required to Maintain FWC Certification. 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:

Specially Designed Aluminum Cone Reflector or Internal Louvers

Lens:

Clear UV-Stabilized 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; 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.

Controls:

Fixtures Ordered with Factory-Installed Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with LEPC Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

Warranty:

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

See Page 2 for Projected Lumen Maintenance Table.



Certification #2018-001

AmberLED

Order Information Example:

BDLTF15UAMZ36SF

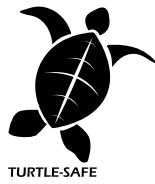
| Model | Optics | Wattage | Driver | CCT | Color | Height | Options |
|---|--------------------|---------|------------|----------|--|---|--|
| BDRT=Round Dome Bollard with LED Cone Reflector and 270° Shield BDLT=Round Dome Bollard with Louvers and 270° Shield | F=Wide Beam Spread | 15=15w | U=120-277V | AM=Amber | Z=Bronze B=Black C=Custom (Consult Factory) | (Leave Blank)= 42" Standard Height 36=36" Height 30=30" Height | SF=Single Fuse (120-277V Only) DF=Double Fuse (120-277V Only) SP=Surge Protection GF1=GFCI Outlet, 15A, 120V S3=Internal Microwave Sensor (120-277V Only) BU=Battery Backup, 90 Minutes |

Project Information:

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

Certification & Listings:





L70
25°C

147,000 Hours

Accessories & Replacement Parts:



BOLAN

BREBASE*

P17122

P17121

BORBASE

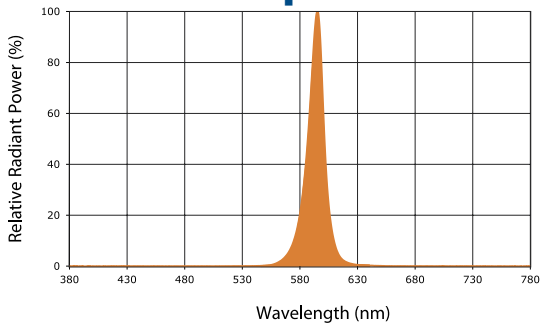
BOADP1

*Shown Mounted

| Mounting Accessories (Order Separately, Field Installed) | | Accessories (Order Separately, Field Installed) | | Replacement Parts (Order Separately, Field Installed) | |
|---|--|--|------------------------------------|--|--|
| BOLAN4 | Mounting Kit, Includes Bracket & Three (3) 4" Anchor Bolts | P17122 | Remote Programming Tool for P17121 | P17121 | Internal Microwave Sensor (120-277V Only) |
| BOLAN8 | Mounting Kit, Includes Bracket & Three (3) 8" Anchor Bolts | | | BORBASE* | Die Cast Base Plate with Powdercoat Finish Over a Chromate Conversion Coating. |
| BOLAN12 | Mounting Kit, Includes Bracket & Three (3) 12" Anchor Bolts | | | BOADP1 | Adapter Plate with Gaskets for Outlet Boxes. Fits LEPC Round Bollards. Die Cast with Bronze Powdercoat Finish. |
| BOLAN15 | Mounting Kit, Includes Bracket & Three (3) 15" Anchor Bolts | | | | *Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory) |
| BREBASE* | 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 | | | | For Replacement Battery Backup, see the LEPC LED Battery Backup Specification Sheet. |
| | *Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory) | | | | |

Photometric Data

Amber LED - Spectral Chart



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.