



**NEW Soft Shine Low Glare White Cone Reflector**  
Daytime View      Nighttime View  
**9025AM**



**LED Cone Reflector**  
**9024AM**



**Louvers**  
**9023AM**



**SoftLED LumaLens**  
**Opal Array Lens**  
Optional  
With 9025AM Only

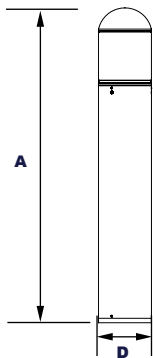


Shown with "S5"  
Sensor



Shown with GFCI

## Dimensions



**Diameter (D)**      7" (178mm)  
**Height (A)**        41 3/4" (1,060mm)

## Project Information:

|                            |                      |
|----------------------------|----------------------|
| <b>Project Name:</b>       | <b>Fixture Type:</b> |
| <b>Complete Catalog #:</b> | <b>Date:</b>         |
| <b>Comments:</b>           |                      |

The Incon AmberLED Cypress 17SS Stainless Steel Bollards are designed to replace HID lighting systems up to 70w MH or HPS for wildlife, dark skies, or security applications requiring monochromatic AMBER light. LEDs operate between 585 and 595nm, 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:

Formed 316L Stainless Steel Housing with Flush Mounting Base & Vandal-Resistant Screws, Domed Top, Internal Ballast Tray for Easy Maintenance.

#### Listing & Ratings:

ETL: Listed for Wet Locations, ANSI/UL 1598, 8750; IP65 Sealed LED Compartment.

#### Style:

Specially Designed Cone Reflector or Internal Louvers

#### Lens:

Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens or SoftLED LumaLens UV-Stabilized Polycarbonate Opal Vandal-Resistant Lens

#### Mounting Options:

Mounting Kit with 8" Zinc-Plated 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 Incon 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 4 for Projected Lumen Maintenance Table.

## Certification & Listings:



### Ordering Guide:

|  | <b>F</b>                   | <b>1X15</b>      | <b>U</b>           | <b>AM</b>        |  | <b>SS</b>                  |   |
|--|----------------------------|------------------|--------------------|------------------|--|----------------------------|---|
| <b>Model</b>   | <b>Optics</b>              | <b>Wattage</b>   | <b>Driver</b>      | <b>CCT</b>       | <b>Lens</b>  | <b>Color</b>               | <b>Options</b>  |
| <b>9025AM</b> =Cypress 17SS Round Dome Bollard with Soft Shine Low Glare White Cone Reflector<br><b>9024AM</b> =Cypress 17SS Round Dome Bollard with LED Cone Reflector<br><b>9023AM</b> =Cypress 17SS Round Dome Bollard with Louvers | <b>F</b> =Wide Beam Spread | <b>1X15</b> =15w | <b>U</b> =120-277V | <b>AM</b> =1400K | <b>(Leave Blank)</b> =Clear Lens<br><b>L</b> =SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens*<br><br><b>*White Cone Reflector Only</b> | <b>SS</b> =Stainless Steel | <b>SF</b> =Single Fuse*<br><b>DF</b> =Double Fuse*<br><b>SP</b> =Surge Protection<br><b>GF1</b> =GFCI Outlet, 15A, 120V<br><b>GSB</b> =180° Glare Shield, Black<br><b>GSZ</b> =180° Glare Shield, Bronze<br><b>GSC</b> =180° Glare Shield, Custom Color (Consult Factory)<br><b>S5</b> =Microwave Sensor with Dimming & Remote Programming. See P17125 Spec. Page for Details.*<br><b>BU</b> =Battery Backup, 90 Minutes*<br><b>BUC</b> =Cold Start Battery Backup, -20°C, 90 Minutes*<br><br><b>*120-277V Models Only.</b> |

**Order Information Example: 9021AMF1X15UAMSSSF**

### Accessories & Replacement Parts:

| <b>Mounting Accessories<br/>(Order Separately, Field Installed)</b> |   |
|---|---|
| BOLAN4  | Mounting Kit, Includes Bracket & Three (3) 4" Zinc-Plated Anchor Bolts  |
| BOLAN8  | Mounting Kit, Includes Bracket & Three (3) 8" Zinc-Plated Anchor Bolts  |
| BOLAN12   | Mounting Kit, Includes Bracket & Three (3) 12" Zinc-Plated Anchor Bolts   |
| BOLAN15   | Mounting Kit, Includes Bracket & Three (3) 15" Zinc-Plated Anchor Bolts   |
| BREBASE*  | Bollard Retrofit Base Kit Adapts New Bollards to Most Existing Bolt Patterns. Fits all InCon 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)



\*Shown Mounted

| <b>Accessories<br/>(Order Separately, Field Installed)</b> |                                    |
|--|------------------------------------|
| P17126   | Remote Programming Tool for P17125 |

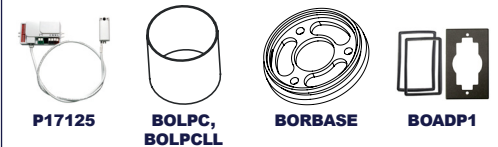


**P17126**

| <b>Replacement Parts<br/>(Order Separately, Field Installed)</b> |   |
|--|---|
| P17125   | Internal Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See P17125 Spec. Page for Details.  |
| BOLPC  | Replacement Round UV-Stabilized Polycarbonate Vandal-Resistant Lens   |
| BOLPCLL  | Replacement SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens  |
| BORBASE  | Die Cast Base Plate with Black Powdercoat Finish Over a Chromate Conversion Coating.                            |
| BOADP1   | Adapter Plate with Gaskets for Outlet Boxes. Fits InCon Round Bollards. Die Cast with Bronze Powdercoat Finish. |

|         |   |
|---------|---|
| P17125  | Internal Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See P17125 Spec. Page for Details.  |
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For Replacement Battery Backup, see the InCon LED Battery Backup Specification Sheet.



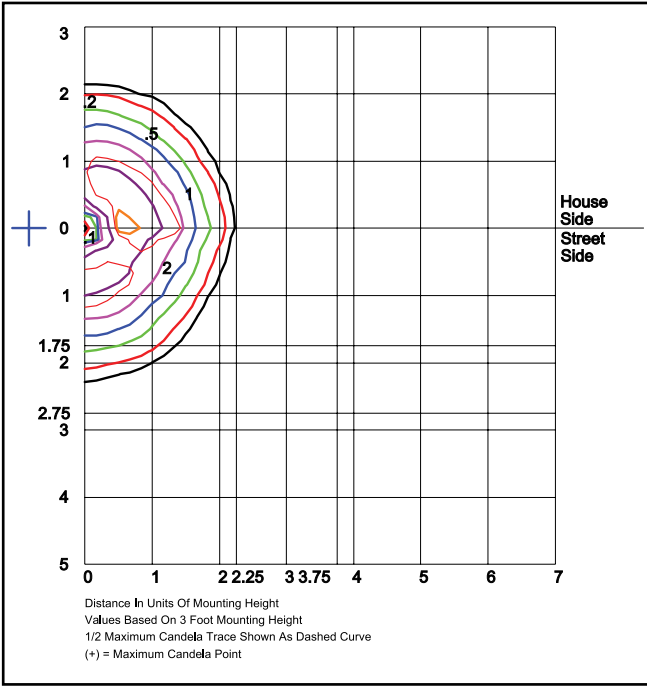
**P17125**

**BOLPC,  
BOLPCLL**

**BORBASE**

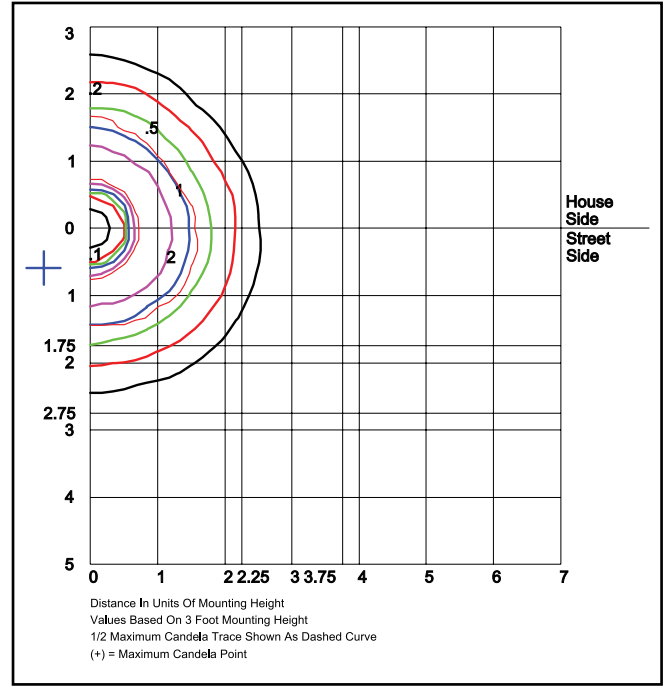
**BOADP1**

**Photometric Data**



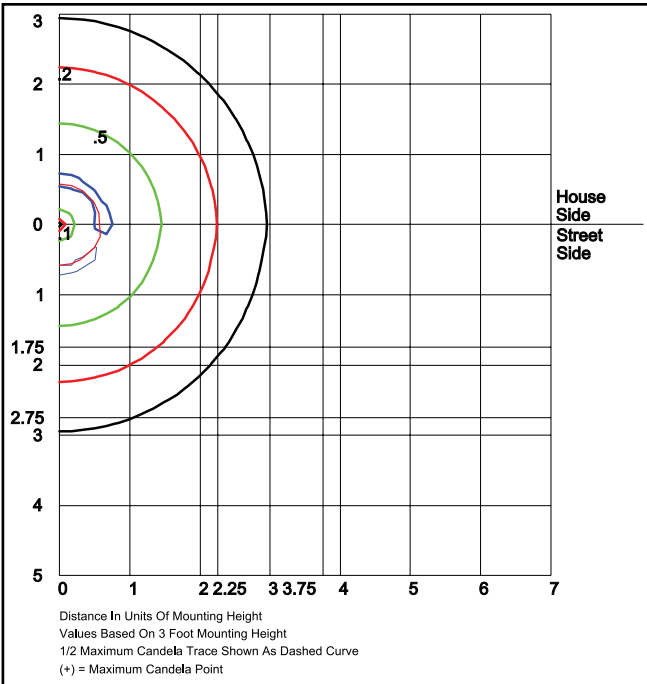
**BORWQF1X15UAM & 9021AMF1X15UAM**

Type V  
 Grid in feet, Mounting Height = 3 ft.



**9020AMF1X15UAM**

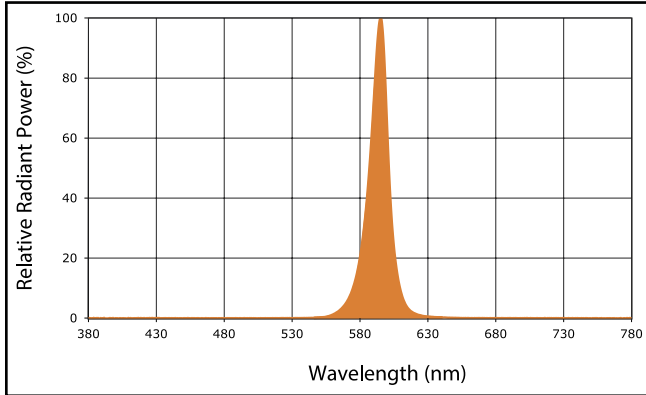
Type V  
 Grid in feet, Mounting Height = 3 ft.



**BORWQF1X15UAML, LumaLens**

Type V  
 Grid in feet, Mounting Height = 3 ft.

## Spectral Chart



## Photometric Performance

| LED Board Watts | Drive Current (mA) | Input Watts | Optics          | Amber LEDs |     |   |   |   |
|-----------------|--------------------|-------------|-----------------|------------|-----|---|---|---|
|                 |                    |             |                 | Lumens     | LPW | B | U | G |
| AmberLED 15w    | 116                | 17          | Cone Reflectors | 360        | 21  | 0 | 2 | 0 |
|                 |                    |             | BOL Louvers     | 187        | 11  | 0 | 1 | 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 LED Life |
| L70 Lumen Maintenance @ 25°C / 77°F  | 17          | 1.00          | 0.95       | 0.90       | 0.80        | 147,000             |
| L70 Lumen Maintenance @ 50°C / 122°F |             | 1.00          | 0.89       | 0.78       | 0.55        | 67,000              |
| L80 Lumen Maintenance @ 40°C / 104°F |             | 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 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.