

Certification #2018-001

AmberLED
585-595NM



LED Cone Reflector
9406TF

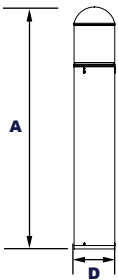


Shown with "S5"
Sensor



Shown with GFCI

Dimensions



Diameter (D) | 7" (178mm)
Height (A) | 41 1/2" (1,060mm)

Project Information:

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

The Incon AmberLED Cypress 17 TF 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:
Formed 316L Stainless Steel Housing with Flush Mounting Base & Vandal-Resistant Screws, Domed Top, Internal Ballast Tray for Easy Maintenance. Includes 270° Shield Required to Maintain FWC Certification.

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

Style:
Specially Designed Aluminum Cone Reflector or Internal Louvers

Lens:
Clear UV-Stabilized Polycarbonate 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 3 for Projected Lumen Maintenance Table.

Certification & Listings:









Ordering Guide:

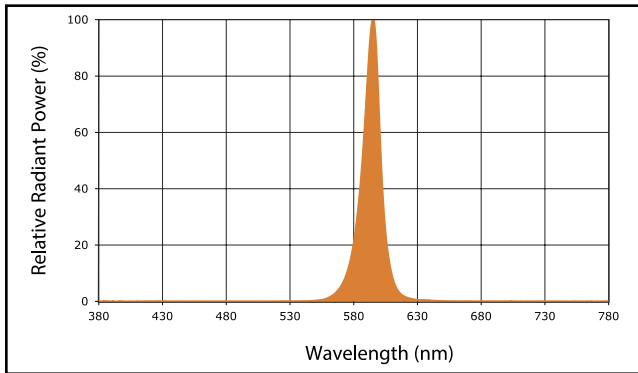
	F	1X15	U	AM	SS	
Model	Optics	Wattage	Driver	CCT	Color	Options
9406TF =Cypress 17 TF Round Dome Bollard with LED Cone Reflector and 270° Shield 9405TF = Cypress 17 TF Round Dome Bollard with Louvers and 270° Shield	F =Wide Beam Spread	1X15 =15w	U =120-277V	AM =Amber, 585-595nm	SS =Stainless Steel	SF =Single Fuse* DF =Double Fuse* SP =Surge Protection GF1 =GFCI Outlet, 15A, 120V S5 =Microwave Sensor with Dimming & Remote Programming. See P17125 Spec. Page for Details.* BU =Battery Backup, 90 Minutes* BUC =Cold Start Battery Backup, -20°C, 90 Minutes* *120-277V Models Only.

Order Information Example: 9406TF1X15UAMSSSF

Accessories & Replacement Parts:

Mounting Accessories (Order Separately, Field Installed)	Accessories (Order Separately, Field Installed)	Replacement Parts (Order Separately, Field Installed)
<p>BOLAN4 Mounting Kit, Includes Bracket & Three (3) 4" Zinc-Plated Anchor Bolts</p> <p>BOLAN8 Mounting Kit, Includes Bracket & Three (3) 8" Zinc-Plated Anchor Bolts</p> <p>BOLAN12 Mounting Kit, Includes Bracket & Three (3) 12" Zinc-Plated Anchor Bolts</p> <p>BOLAN15 Mounting Kit, Includes Bracket & Three (3) 15" Zinc-Plated Anchor Bolts</p> <p>BREBASE* Bollard Retrofit Base Kit Adapts New Bollards to Most Existing Bolt Patterns. Fits all InCon Bollards. Die Cast with Powdercoat Finish, Hardware Included. 11½" Dia. x 1½" H</p> <p>*Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory)</p>	<p>P17126 Remote Programming Tool for P17125</p>  <p>P17126</p>	<p>P17125 Internal Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See P17125 Spec. Page for Details.</p> <p>BORBASE* Die Cast Base Plate with Powdercoat Finish Over a Chromate Conversion Coating.</p> <p>BOADP1 Adapter Plate with Gaskets for Outlet Boxes. Fits InCon Round Bollards. Die Cast with Bronze Powdercoat Finish.</p> <p>*Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory)</p> <p>For Replacement Battery Backup, see the InCon LED Battery Backup Specification Sheet.</p>
 <p>BOLAN</p>  <p>BREBASE*</p> <p>*Shown Mounted</p>		 <p>P17125</p>  <p>BORBASE</p>  <p>BOADP1</p>

Photometric Data



Projected Lumen Maintenance

Data shown for Amber LEDs TM-21-11	Input Watts	Compare to MH				Calculated LED Life
		Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	
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.