

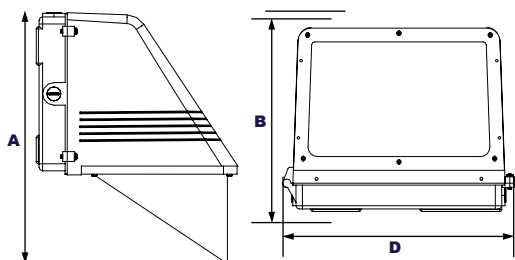


Certification #2018-001

AmberLED
585-595NM



Dimensions



Width (D) | 14 1/4" (361mm)
Length (B) | 11 3/8" (289mm)
Height (A) | 14" (356mm)

Project Information:

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

The Incon AmberLED 9417TF Caroline 15 TF Full Cut-off wall mount luminaire is available with a shielded IES Type V distribution, and is 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. Mounting heights of up to 12 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:

Die Cast Hinged and Gasketed Aluminum Front Frame and Housing with 1/2" Coin Plugs. Nickel-Plated Stainless Steel Hardware. Photocell Adaptable. Includes Full Baffle Required to Maintain FWC Certification.

Listing & Ratings:

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

Finish:

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

Lens:

Tempered Clear Flat Glass Lens.

Mounting Options:

Cast-in Template for Mounting Directly Over a 4" Recessed Outlet Box, or Use 1/2" Surface Conduit.

AmberLED:

Aluminum Boards

Wattage:

Array: 37w, System: 40w; (250w HID Equivalent)

Driver:

Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Controls:

Fixtures Ordered with Factory-Installed Photocell or 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 2 for Projected Lumen Maintenance Table.

Certification & Listings:



Ordering Guide:

9417TF	F	1X37		AM	C			BF
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options	Shield
9417TF=AmberLED Caroline 15TF Medium Full Cutoff Wall Pack	F=Type V	1X37=37w	U=120-277V H=347-480V	AM=Amber, 585-595nm	C=Clear Flat Glass Lens	Z=Bronze C=Custom (Consult Factory)	SF=Single Fuse* DF=Double Fuse* SP=Surge Protection PC3=Photocell, 120-277VAC BU=Battery Backup, 90 Minutes* BUC=Cold Start Battery Backup, -20°C, 90 Minutes* *120-277V Models Only.	BF=Baffle

Order Information Example: 9417TFF1X37UAMCZSPBF

Accessories & Replacement Parts:

Replacement Parts (Order Separately, Field Installed)

WPC15GLC Tempered Clear Flat Glass Lens.

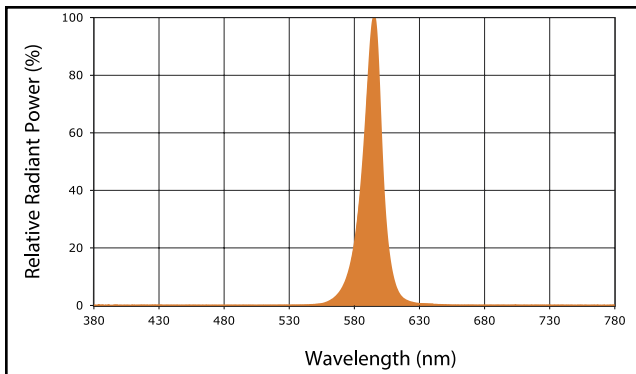
P18103 120-277VAC Photocell

For Replacement Battery Backup, see the InCon LED Battery Backup Specification Sheet.



P18103

Spectral Cart



Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	Amber LEDs	
				Lumens	LPW
AmberLED 37w	525	40	Type V	1,279	32

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	40	1.00	0.96	0.93	0.86	213,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.93	0.87	0.73	113,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.95	0.89	0.78	91,000

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.