

Certification #2018-001

**AmberLED**  
**585-595 NM**



The Incon AmberLED 9409TF Traveler TF Full Cut-off wall mount luminaire is available with a shielded IES Type II 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 Gasketed Aluminum Housing, Includes Cast-In Box Template and Built in Level. White Reflector. Nickel-Plated Stainless Steel Hardware. Includes Full Baffle Required to Maintain FWC Certification.

**Listing & Ratings:**

ETL: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 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:**

Mount Directly Over Recessed Electrical Box or Use 1/2" Surface Conduit.

**COB LED:**

InCon Cool Copper COB

**Wattage:**

COB 40w, System Input 43w; (175w HID Equivalent)

**Driver:**

Electronic Driver, 120-277V, 50/60Hz; 347-480V, 50/60Hz or 347V, 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.

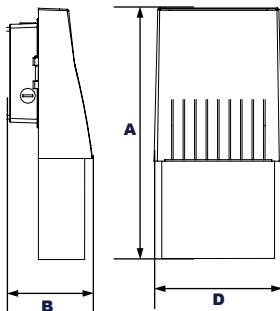
**Warranty:**

5-Year Warranty for -40°C to +50°C Environment.

See Page 3 for Projected Lumen Maintenance Table.

**Shipped from Tampa location only**

**Dimensions**



**Width (D)** | 6" (152mm)  
**Height (A)** | 12 1/2" (327mm)  
**Length (B)** | 5 1/2" (130mm)

**Project Information:**

**Project Name:** \_\_\_\_\_ **Fixture Type:** \_\_\_\_\_

**Complete Catalog #:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Comments:** \_\_\_\_\_

**Certification & Listings:**



**Ordering Guide:**

Shipped from Tampa location only


<b>9409TFC3</b>	<b>2X20</b>		<b>AM</b>			<b>BF</b>
<b>Model</b>	<b>Wattage</b>	<b>Driver</b>	<b>CCT</b>	<b>Color</b>	<b>Options</b>	<b>Shield</b>
9409TF=Small AmberLED Traveler TF Wall Accent Light	2X20=40w	U=120-277V H=347-480V C=347V	AM=Amber, 585-595nm	Z=Bronze C=Custom (Consult Factory)	SF=Single Fuse* DF=Double Fuse* SP=Surge Protection P14=Pencil Photocell, 120-277VAC  *120-277V Models Only.	BF=Baffle

Order Information Example: 9409TF2X20UAMZSPBF

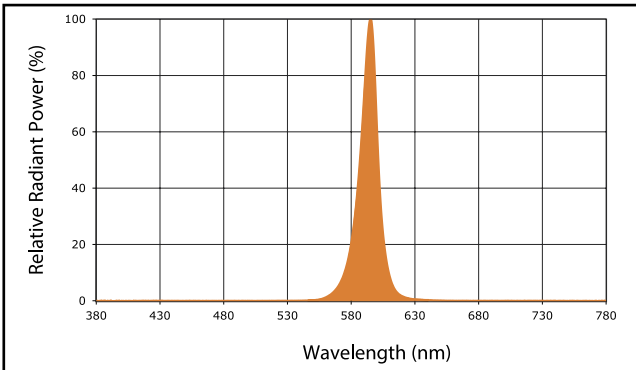
**Accessories & Replacement Parts:**

Accessories (Order Separately, Field Installed)	Replacement Parts (Order Separately, Field Installed)
P18112 208-277V, 240VAC Pencil Photocell	P18114 120-277V, 50/60Hz Pencil Photocell
 P18112	 P18114

**EPA (Effective Projected Area)**

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 1	.31	5 Lbs

**Spectral Chart**



**Photometric Performance**

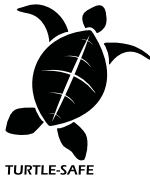
LED Board Watts	Drive Current (mA)	Input Watts	Optics
COB LED 43w	525	43	Type II

**Projected Lumen Maintenance**

Data shown for Amber LEDs TM-21-11	Compare to MH					
	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
L70 Lumen Maintenance @ 25°C / 77°F	43	1.00	0.90	0.80	0.61	76,000
L70 Lumen Maintenance @ 50°C / 122°F	43	1.00	0.86	0.72	0.44	54,000
L80 Lumen Maintenance @ 40°C / 104°F	43	1.00	0.88	0.76	0.52	42,000

**NOTES:**

- 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.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.



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