



9410TF



9411TF



Certification #2018-001

AmberLED
585-595NM

The Incon AmberLED LEDicated Vaporproof pendant, wall and ceiling mount fixtures with angled shades are available with a shielded IES Type V distribution, 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. Mounting heights of up to 12 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:

Heavy Duty Die Cast Aluminum Housing with Integral Heat Sinking, 3/4" NPS Threaded Mounts. Includes Shade Required to Maintain FWC Certification.

Listing & Ratings:

ETL: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment

Finish:

Smooth Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Lens:

Flat Clear Tempered Glass Lens

Mounting Options:

Pendant Mount or Surface Mount on Wall or Ceiling

AmberLED:

Aluminum Boards

Wattage:

Array: 22w, System: 27w (175w HID Equivalent)

Driver:

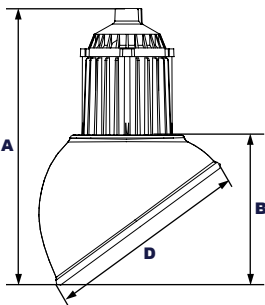
Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Warranty:

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

See Page 3 for Projected Lumen Maintenance Table.

Dimensions



Diameter (D)	11 3/4" (296mm)
Height (A)	9411TF 16 1/2" (414mm) 9410TF 15 1/2" (394mm) 9412TF 19" (483mm)
Shade Height (B)	8 3/4" (222mm)

Project Information:

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

Certification & Listings:



Ordering Guide:

	F	1X23	U	AM			AS
Model	Optics	Wattage	Driver	CCT	Color	Options	Shield
9410TF =AmberLED LEDicated Box Mount Marcos VPAM TF Vaporproof	F =Type V	1X23 =23w	U =120-277V	AM =Amber, 585-595nm	P =Platinum C =Custom (Consult Factory)	SF =Single Fuse* DF =Double Fuse* *120-277V Only	AS =Angled Shade
9411TF =AmberLED LEDicated Pendant Mount Marcos VPAM TF Vaporproof							
9412TF =AmberLED LEDicated Wall Mount Marcos VPAM TF Vaporproof							

Order Information Example: 9412TFF1X23UAMPFAS

Accessories & Replacement Parts:

Mounting Accessories (Order Separately, Field Installed)	
CPSPR	Swivel Pendant Mount - Round, for Angled or Straight Ceilings, Fits 3/4" Conduit, Includes Reducer Bushing (to 1/2") & Set Screw, Powdercoat Finish
CPSPS	Swivel Pendant Mount - Square, or Angled or Straight Ceilings, Fits 3/4" Conduit; Includes Reducer Bushing (to 1/2") & Set Screw, Powdercoat Finish

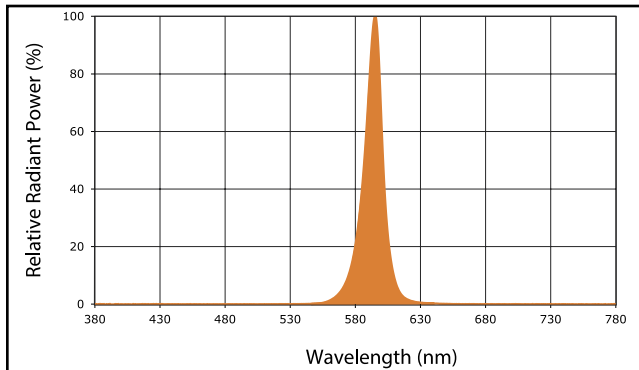


Accessories (Order Separately, Field Installed)	
VS30AP	Angled Aluminum Shade, Platinum Powdercoat Finish. 8 3/4"H by 11 1/4" Dia.
VWGA	Wire Guard for Angled Shade, Stainless Steel
CPRB	Reducer Bushing, 3/4" to 1/2", use with Swivel Mount
CPRB1	Die Cast Round Electrical Box with Five (5) 1/2" Coin Plugs
CPRC1	Backplate, 1/2" Coin Plugs
CPRB3	Die Cast Round Electrical Box with Five (5) 3/4" Coin Plugs



*Shown Mounted

Spectral Chart





Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics
AmberLED 23w	116	27	Type V

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	27	1.00	0.96	0.92	0.84	187,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.93	0.86	0.72	107,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.94	0.88	0.76	82,000

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.