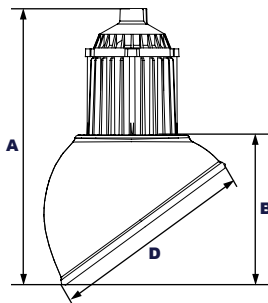




## Dimensions



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

## Project Information:

Project Name:

Fixture Type:

Complete Catalog #:

Date:

Comments:

## 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.

## Certification & Listings:



Ordering Guide:

	F	1X23	U	AM			AS
Model	Optics	Wattage	Driver	CCT	Color	Options	Shield
<b>9410TF</b> =AmberLED LEDicated Box Mount Marcos VPAM TF Vaporproof <b>9411TF</b> =AmberLED LEDicated Pendant Mount Marcos VPAM TF Vaporproof <b>9412TF</b> =AmberLED LEDicated Wall 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

Order Information Example: 9412TFF1X23UAMPSFAS

Accessories & Replacement Parts:

**Mounting Accessories**  
(Order Separately, Field Installed)

CPSPR Swivel Pendant Mount - Round, for Angled or Straight Ceilings, Fits ¾" Conduit, Includes Reducer Bushing (to ½") & Set Screw, Powdercoat Finish

CPSPS Swivel Pendant Mount - Square, or Angled or Straight Ceilings, Fits ¾" Conduit; Includes Reducer Bushing (to ½") & Set Screw, Powdercoat Finish



**Accessories**  
(Order Separately, Field Installed)

VS30AP Angled Aluminum Shade, Platinum Powdercoat Finish. 8¾"H by 11¼" Dia.

VWGA Wire Guard for Angled Shade, Stainless Steel

CPRB Reducer Bushing, ¾" to ½", use with Swivel Mount

CPRB1 Die Cast Round Electrical Box with Five (5) ½" Coin Plugs

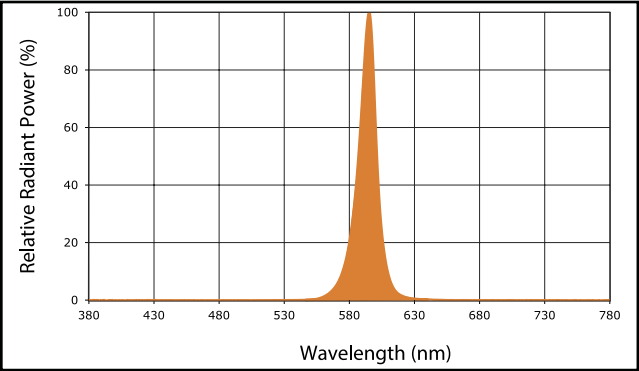
CPRC1 Backplate, ½" Coin Plugs

CPRB3 Die Cast Round Electrical Box with Five (5) ¾" 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		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	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:**
- 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.