

# Amber LEDicated Vaporproof-Angled Shade

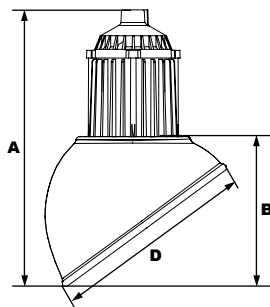
**L70**  
25°C **187,000 Hours**



AIVB53Q



AIVP53Q



**Dimensions**

<b>Diameter (D)</b>	11¾" (296mm)
<b>Height (A)</b>	AIVP53Q 16¼" (414mm) AIVB53Q 15½" (394mm) AIVW53Q 19" (483mm)
<b>Shade Height (B)</b>	8¾" (222mm)

**Order Information Example:**

AIVW53QF1X23UAMPSFAS

	F	1X23	U	AM			AS
Model	Optics	Wattage	Driver	CCT	Color	Options	Shield
AIVB53Q=Amber LEDicated Box Mount Vaporproof AIVP53Q=Amber LEDicated Pendant Mount Vaporproof AIVW53Q=Amber LEDicated Wall Mount Vaporproof	F=Type V	1X23=23w	U=120-277V	AM=Amber	P=Platinum C=Custom (Consult Factory)	SF=Single Fuse (120-277V Only) DF=Double Fuse (120-277V Only)	AS=Angled Shade

**Project Information:**

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

## Amber Technology

The Atlantic Amber 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, ¾" NPS Threaded Mounts. Includes Shade Required to Maintain FWC Certification.

**Listing & Ratings:**

CSA: 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

**Amber LED:**

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 2 for Projected Lumen Maintenance Table.

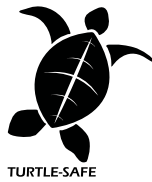
# Amber



Certification #2018-001

**Certification & Listings:**





**Accessories & Replacement Parts:**



\*Shown Mounted

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

AIVS30AP Angled Aluminum Shade, Platinum Powdercoat Finish. 8 3/4" H by 11 3/4" Dia.

AIVWGA Wire Guard for Angled Shade, Stainless Steel

AICPRB Reducer Bushing, 3/4" to 1/2", use with Swivel Mount

AICPRB1 Die Cast Round Electrical Box with Five (5) 1/2" Coin Plugs

AICPRC1 Backplate, 1/2" Coin Plugs

AICPRB3 Die Cast Round Electrical Box with Five (5) 1/2" Coin Plugs

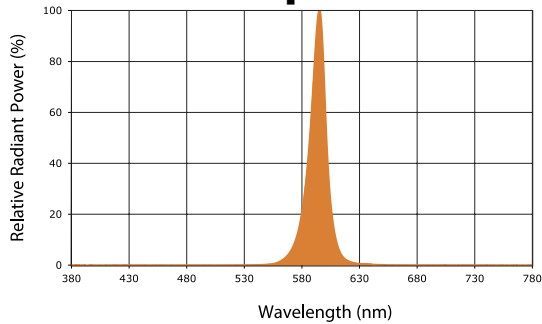
**Mounting Accessories  
(Order Separately, Field Installed)**

AICPSPR Swivel Pendant Mount - Round, for Angled or Straight Ceilings, Fits 3/4" Conduit, Includes Reducer Bushing (to 1/2") & Set Screw, Powdercoat Finish

AICPSPS Swivel Pendant Mount - Square, or Angled or Straight Ceilings, Fits 3/4" Conduit, Includes Reducer Bushing (to 1/2") & Set Screw, Powdercoat Finish

**Photometric Data**

**Amber LED - Spectral Chart**



**Photometric Performance**

LED Board Watts	Drive Current (mA)	Input Watts	Optics
Amber 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 L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	27	1.00	0.96	0.92	0.84	187,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
L70 Lumen Maintenance @ 50°C / 122°F	27	1.00	0.93	0.86	0.72	107,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
L80 Lumen Maintenance @ 40°C / 104°F	27	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 116mA 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.