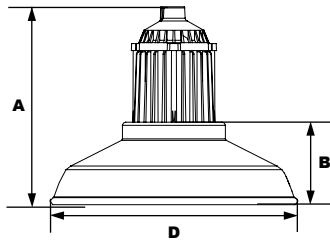


# Amber LEDicated Vaporproof-Straight Shade

**L70**  
25°C **187,000 Hours**



AIVB53Q



### Dimensions

<b>Diameter (D)</b>	16" (408mm)
<b>Height (A)</b>	AIVP53Q: 12 3/4" (326mm) AIVB53Q: 12" (305mm)
<b>Shade Height (B)</b>	5 1/2" (140mm)

### Order Information Example:

AIVP53QF1X23UAMPSFSS

	F	1X23	U	AM			SS
Model	Optics	Wattage	Driver	CCT	Color	Options	Shield
AIVB53Q=Amber LEDicated Box Mount Vaporproof AIVP53Q=Amber LEDicated Pendant 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)	SS=Straight Shade

### Project Information:

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

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

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

## Amber Technology

The Atlantic Amber LEDicated Vaporproof pendant and ceiling mount fixtures with straight 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:

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 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

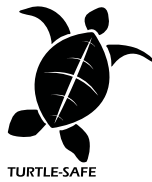


Certification #2018-001

### Certification & Listings:



**ATLANTIC Solutions**  
By Atlantic Industrial



### Accessories & Replacement Parts:



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

AIVS30SP	Straight Aluminum Shade, Platinum Powdercoat Finish. 5½" H by 16" Dia. Not for use with AIVW53.
AIVWGS	Wire Guard for Straight Shade, Stainless Steel
AICPRB	Reducer Bushing, ¼" to ½", use with Swivel Mount
AICPRB1	Die Cast Round Electrical Box with Five (5) ½" Coin Plugs
AICPRC1	Backplate, ½" Coin Plugs
AICPRB3	Die Cast Round Electrical Box with Five (5) ¾" Coin Plugs

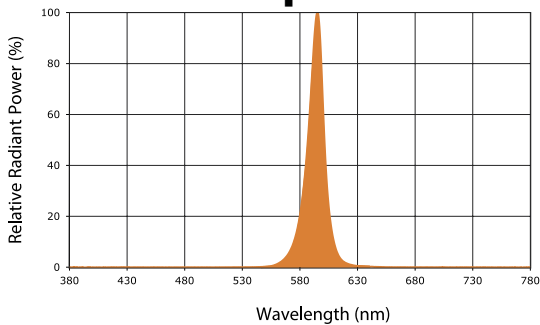
#### Mounting Accessories (Order Separately, Field Installed)

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

\*Shown Mounted

### 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.