



TURTLE-FRIENDLY

# PIRA Turtle-Friendly LED

## Fixtures

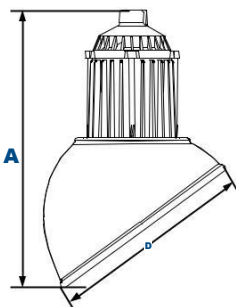
**L70**  
25°C

**187,000 Hours**



AF33XVB53Q

AF33XVP53Q



### Dimensions

**Diameter (D)** 11¼" (296mm)

**Height (A)**  
**AF33XVP53Q** 16¼" (414mm)  
**AF33XVB53Q** 15½" (394mm)  
**AF33XVW53Q** 19" (483mm)

## Turtle-Friendly Technology

The PIRA Turtle-Friendly LED 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; Dimmable Driver

#### Warranty:

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

See Page 2 for Projected Lumen Maintenance Table.



### Order Information Example:

	<b>F</b>	<b>1X23</b>	<b>U</b>	<b>AM</b>			<b>AS</b>
<b>Model</b>	<b>Optics</b>	<b>Wattage</b>	<b>Driver</b>	<b>CCT</b>	<b>Color</b>	<b>Options</b>	<b>Shield</b>
<b>AF33XVB53Q</b> =AmberLED LEDicated Box Mount Vaporproof	<b>F</b> =Type V	<b>1X23</b> =23w	<b>U</b> =120-277V	<b>AM</b> =Amber	<b>P</b> =Platinum <b>C</b> =Custom (Consult Factory)	<b>SF</b> =Single Fuse <b>DF</b> =Double Fuse	<b>AS</b> =Angled Shade
<b>AF33XVP53Q</b> =AmberLED LEDicated Pendant Mount Vaporproof							
<b>AF33XVW53Q</b> =AmberLED LEDicated Wall Mount Vaporproof							

### Project Information:

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

### Certification & Listings:





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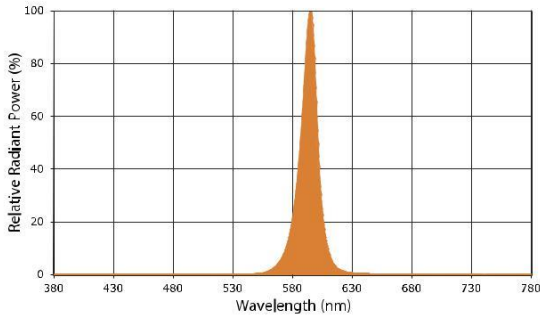
**Accessories & Replacement Parts:**



Accessories (Order separately, Field installed)	
AF33XVS30A	Angled Aluminum Shade, paintable Textured Gray Finish
AF33XWGA	Wire Guard for Angled Shade, Stainless Steel
AF33XCPRB	Reducer Bushing, ¼" to ½", use with Swivel Mount
AF33XCPRB1	Die Cast Round Electrical Box with Five (5) ½" Coin Plugs
AF33XCPRC1	Backplate, ½" Coin Plugs
AF33XCPRB3	Die Cast Round Electrical Box with Five (5) ¾" Coin Plugs

Mounting Accessories (Order separately, Field installed)	
AF33XCPSPR	Swivel Pendant Mount - Round, for Angled or Straight Ceilings, Fits ¾" Conduit, Includes Reducer Bushing (to ½") & Set Screw, Powdercoat Finish
AF33XCPSPS	Swivel Pendant Mount - Square, or Angled or Straight Ceilings, Fits ¾" Conduit; Includes Reducer Bushing (to ½") & Set Screw, Powdercoat Finish

**Amber LED - Spectral Chart**



**Photometric Performance**

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

**Projected Lumen Maintenance**

Data shown for Amber LEDs TM-21-11	Input Watts	Compare to MH				Calculated L70@ 25°C
		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	27	1.00	0.93	0.86	0.72	107,000
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.