



AmberLED LEDicated Vaporproof

L70
25°C **187,000 Hours**



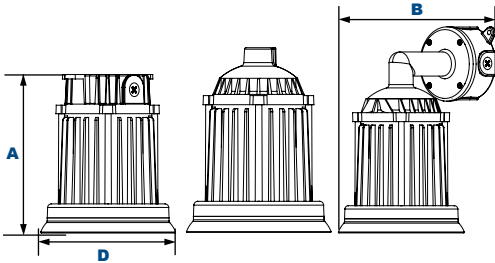
VB53Q



VP53Q



VW53Q



Dimensions

Diameter (D)	7 1/4" (184mm)
Height (A)	VP53Q 9 1/4" (235mm) VB53Q 8 1/2" (216mm) VW53Q 12" (305mm)
Depth (B)	7 1/2" (191mm)

Order Information Example:

VP53QF1X23UAMPSF

Model	Optics	Wattage	Driver	CCT	Color	Options
VB53Q =AmberLED LEDicated Box Mount Vaporproof VP53Q =AmberLED LEDicated Pendant Mount Vaporproof VW53Q =AmberLED LEDicated Wall Mount Vaporproof	F =Type V	1X23 =23w	U =120-277V	AM =Amber	P =Platinum C =Custom (Consult Factory)	SF =Single Fuse DF =Double Fuse

AmberLED LEDicated Vaporproof fixtures with a choice of mounting configurations are designed to replace HID lighting systems up to 175w MH or HPS for wildlife or security applications requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required for wildlife protection. This vapor resistant fixture can withstand extreme physical and environmental abuse and is ideal for retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 8 to 14 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.

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

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 2 for Projected Lumen Maintenance Table.

AmberLED

Project Information:

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

Certification & Listings:





Accessories & Replacement Parts:



*Shown Mounted

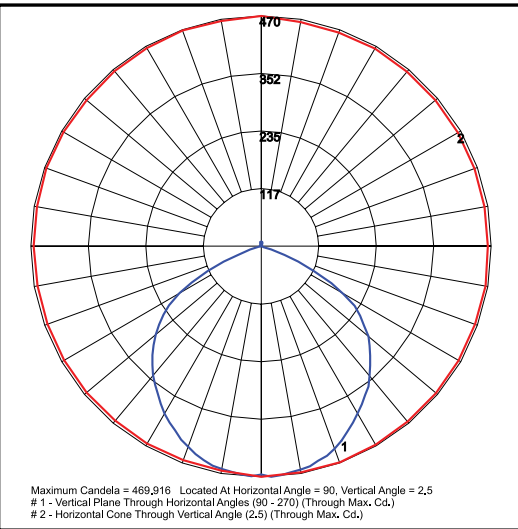
**Accessories
 (Order separately, Field installed)**

- VS30A Angled Aluminum Shade, Repaintable Textured Gray Finish
- VS30S Straight Aluminum Shade, Repaintable Textured Gray Finish. Not for use with VW43.
- VWGS Wire Guard for Straight Shade, Stainless Steel
- 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

**Mounting Accessories
 (Order separately, Field installed)**

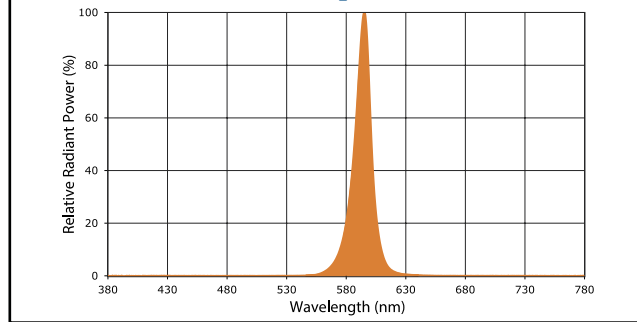
- CPSPR Swivel Pendant Mount - Round, for Angled or Straight Ceilings, Fits 3/4" Conduit, Includes Reducer Bushing (to 1/2") & Set Screw, Powdercoat Finish
- CPSPS Swivel Pendant Mount - Square, or Angled or Straight Ceilings, Fits 3/4" Conduit; Includes Reducer Bushing (to 1/2") & Set Screw, Powdercoat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

Photometric Data



VP53QF1X23UAM
 Type V

Amber LED - Spectral Chart



Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	Amber LEDs				
				Lumens	LPW	B	U	G
AmberLED 23w	116	27	Type V	1,194	45	1	2	0

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.