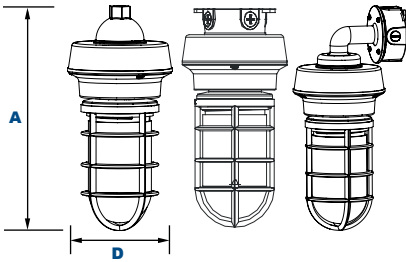




# AmberLED Vaporproof

**L70**  
25°C **135,000 Hours**



### Dimensions

<b>Diameter (D)</b>	7 1/4" (181mm)
<b>Height (A)</b>	<b>VP43:</b> 14 1/4" (375mm)
	<b>VB43:</b> 15" (381mm)
	<b>VW43:</b> 18 1/4" (464mm)

AmberLED Vaporproof fixtures with a choice of mounting configurations are designed to replace HID lighting systems up to 70w 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 12 feet can be used based on light level and uniformity requirements.

### Specifications and Features:

#### Housing:

Heavy Duty Die Cast Aluminum Housing & Screw On Guard, 3/4" NPS Threaded Mounts.

#### Listing & Ratings:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750  
 IP65 Sealed LED Compartment.

#### Finish:

Textured Gray Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

#### Lens:

Clear Glass Globe Lens

#### Mounting Options:

Pendant Mount or Surface Mount on Wall or Ceiling

#### AmberLED:

Aluminum Boards

#### Wattage:

Array: 10w, System: 14.2w  
 (70w 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 +40°C Environment.

See Page 2 for Projected Lumen Maintenance Table.

# AmberLED

### Order Information Example:

VB43QF1X10UAMGSF

	<b>F</b>	<b>1X10</b>	<b>U</b>	<b>AM</b>		
<b>Model</b>	<b>Optics</b>	<b>Wattage</b>	<b>Driver</b>	<b>CCT</b>	<b>Color</b>	<b>Options</b>

**VB43Q** = AmberLED Large Box Mount Vaporproof  
**VP43Q** = AmberLED Large Pendant Mount Vaporproof  
**VW43Q** = AmberLED Large Wall Mount Vaporproof

**F**=Type V

**1X10**=10w

**U**=120-277V

**AM**=Amber

**G**=Gray  
**C**=Custom  
 (Consult Factory)

**SF**=Single Fuse  
**DF**=Double Fuse

### Project Information:

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

### Certification & Listings:





## Accessories & Replacement Parts:



### Accessories (Order separately, Field installed)

VG30F	Frosted Glass Globe
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) 1/4" Coin Plugs

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

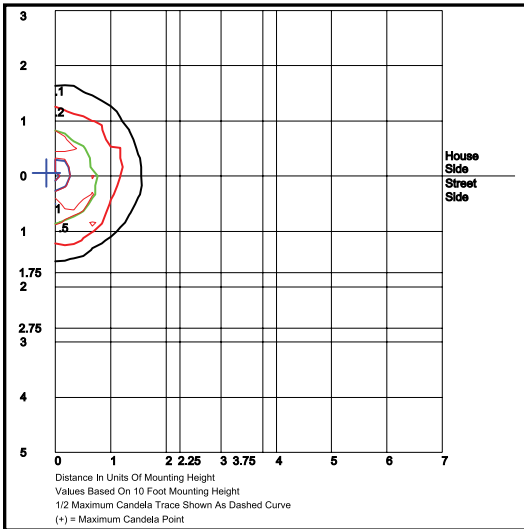
CPSPR	Swivel Pendant Mount - Round, for Angled or Straight Ceilings, Fits 1/2" Conduit, Includes Reducer Bushing (to 1/4") & Set Screw
CPSPS	Swivel Pendant Mount - Square, or Angled or Straight Ceilings, Fits 1/2" Conduit; Includes Reducer Bushing (to 1/4") & Set Screw

### Replacement Parts (Order separately, Field installed)

VG30	Heat-Treated Clear Glass Globe
VP3G	Cast Guard

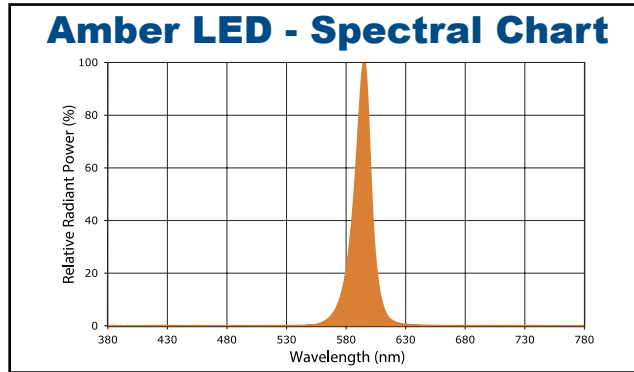
\*Shown Mounted

## Photometric Data



VP43QF1X10UAM  
Type V

Grid in MH  
MH=10 Feet



## Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	Amber LEDs				
				Lumens	LPW	B	U	G
AmberLED 10w	116	13	Type V	374	26	0	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	13	1.00	0.94	0.89	0.78		135,000
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	13	1.00	0.85	0.69	0.39		49,000
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	13	1.00	0.92	0.84	0.67		61,000

**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.