PHOENIX®
DURABILITY X DESIGN™

Metallic LED VP Series
LED Vaporproof Fixture

US Patent No. D642,327, US8,348,476 B2 and D650,518

Aluminum and brass vaporproof fixtures UL rated for hazardous and wet locations

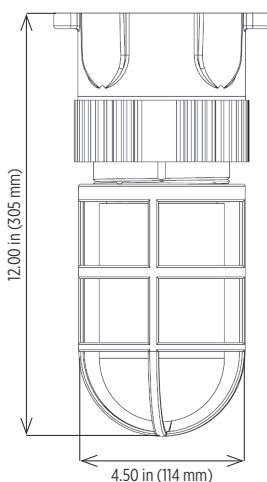Durable design with an array of mounting and globe options

For use on marine vessels, mining equipment, tankers and other demanding applications

LED technology increases efficiency, eliminates maintenance and supports green initiatives
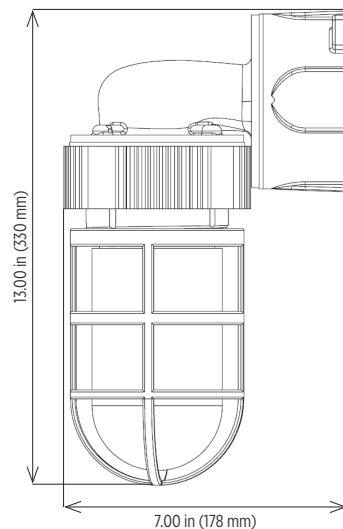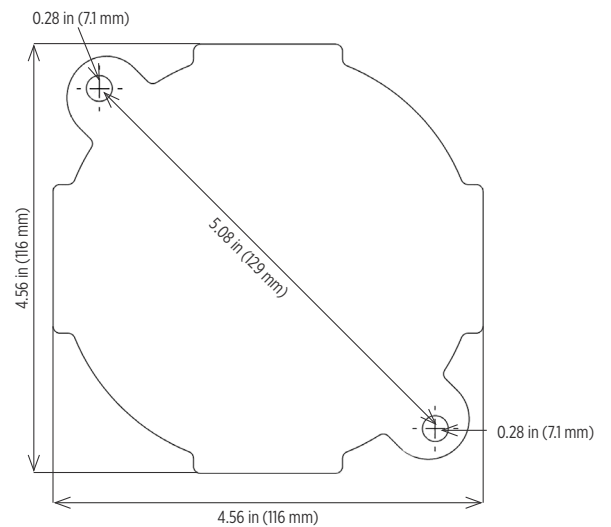
Dimensions

Ceiling Mount

12.00 in (305 mm)

4.50 in (114 mm)

Wall Mount

13.00 in (330 mm)

7.00 in (178 mm)

Mounting Dimensions

0.28 in (7.1 mm)

4.56 in (116 mm)

5.08 in (129 mm)

0.28 in (7.1 mm)

4.56 in (116 mm)

Metallic LED VP Series

LED Vaporproof Fixture

Specifications

Construction	Cast brass for the VB Series Ultra-low copper content, marine grade aluminum for VA Series Long-life silicone gaskets
Globe	Frosted heat treated glass - standard on VA Amber heat treated glass - standard on VB
Guard	All fixtures come with a guard. Guards may be discarded if not needed. Cast brass for the VB Series Ultra-low copper content marine grade aluminum for the VA Series
Hardware	Marine grade (316) stainless steel external hardware
Grounding	Junction boxes include hardware to ground the fixture
Light source	Bridgelux LED array 17W, 1336 lumens Sealed in optically clear silicone Cool white - 5600K Warm white - 3000K (VA only) 50,000 hour rated life
Power source	100-277V AC, 50-60Hz Class 2 rated driver standard on all units Over-voltage, over-current, short-circuit protection with auto recovery Fully potted Dimming capability
Ambient operating temperature	-30°C to +40°C
Ambient storage temperature	-40°C to +40°C
Mounting	Wall (bulkhead) mount Ceiling mount
Outlets	One ½ inch NPT outlet for power connection
Weight	VAC: 5.0 lb (2.3 kg) VAW: 6.0 lb (2.7 kg) VBC: 10.0 lb (4.5 kg) VBW: 13.0 lb (5.9 kg) Add approximately 1.0 lb to each for shipping weight
Warranty	5 years

Contact factory for IES files

Compliances

UL/cUL Certified to:
- UL 1598 Suitable for Wet Locations
- UL 1598A Marine Outside Type (Saltwater)
- UL 844 Hazardous Location
  - Class I, Division 2 Groups A, B, C, D
    - Class I, Zone 2
      - T3A, 180°C maximum surface temperature
    - Class II, Division 2 Groups F, G
      - T4A, 120°C maximum surface temperature
- CSA C22.2 No. 137-1981
- CSA C22.2 No. 250.0-08

IP66 rated
ABS

Meets the requirements of the Buy American Act (BAA) and/or the American Recovery and Reinvestment Act (ARRA)

Ordering Information

Example: VA-W-17LED-CW-FGC

Fixture	Mount	Wattage/Type	Color Temperature	Globe [2]
VA	W	17LED	CW	FGC [3]
VB	C		WW [1]	GHA [4]

Fixture		Mount		Wattage/Type		Color Temperature	
VA	Aluminum	W	Wall mount	17LED	17W	CW	Cool white - 5600K
VB	Brass	C	Ceiling mount			WW [1]	Warm white - 3000K (VA only)

Globe [2]

FGC [3]   Frosted heat treated glass - standard on VA

GHA [4]   Amber heat treated glass - standard on VB

Notes

1   Warm white (WW) available on VA only
2   Color variations may occur depending on the color temperature of the LED
3   Frosted heat treated glass (FGC) available on VA only. For other globe options, see accessories below.
4   Amber heat treated glass (GHA) available on VB only. For other globe options, see accessories below.

Special Projects: We may be able to accommodate your special projects, so please don't hesitate to ask about additional options. Minimum order quantities and/or extended lead times will apply. Contact your Phoenix representative with specific inquiries.

Accessories (order separately)

Globes

FGC   Frosted heat treated glass

GHA   Amber heat treated glass

GHB   Blue heat treated glass

GHC   Clear heat treated glass

GHG   Green heat treated glass

GHO   Opal heat treated glass

GHR   Red heat treated glass

GPC   Clear prismatic glass

PPA   Amber polycarbonate prismatic - to be used without guard

PPC   Clear polycarbonate prismatic - to be used without guard

PPR   Red polycarbonate prismatic - to be used without guard

Cover photo: Brass fixture shown on a shovel at a mine site in the US

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