

Brass LED VP Series

LED Vaporproof Fixture

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

Brass vaporproof fixtures UL rated for hazardous and wet locations

Durable design capable of withstanding the world's harshest saltwater environments

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

LED technology increases efficiency, eliminates maintenance and supports green initiatives

Key Applications

US Coast Guard vessels
US Army Corps of Engineers
Tugboats
Barges
Offshore service vessels
Ferries
Tankers and cargo ships
Offshore oil and gas platforms
Drilling rigs
Walkways, doorways and stairwells
Perimeter lighting
Exterior and interior decks
Machine, electrical and engine rooms

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

Specifications

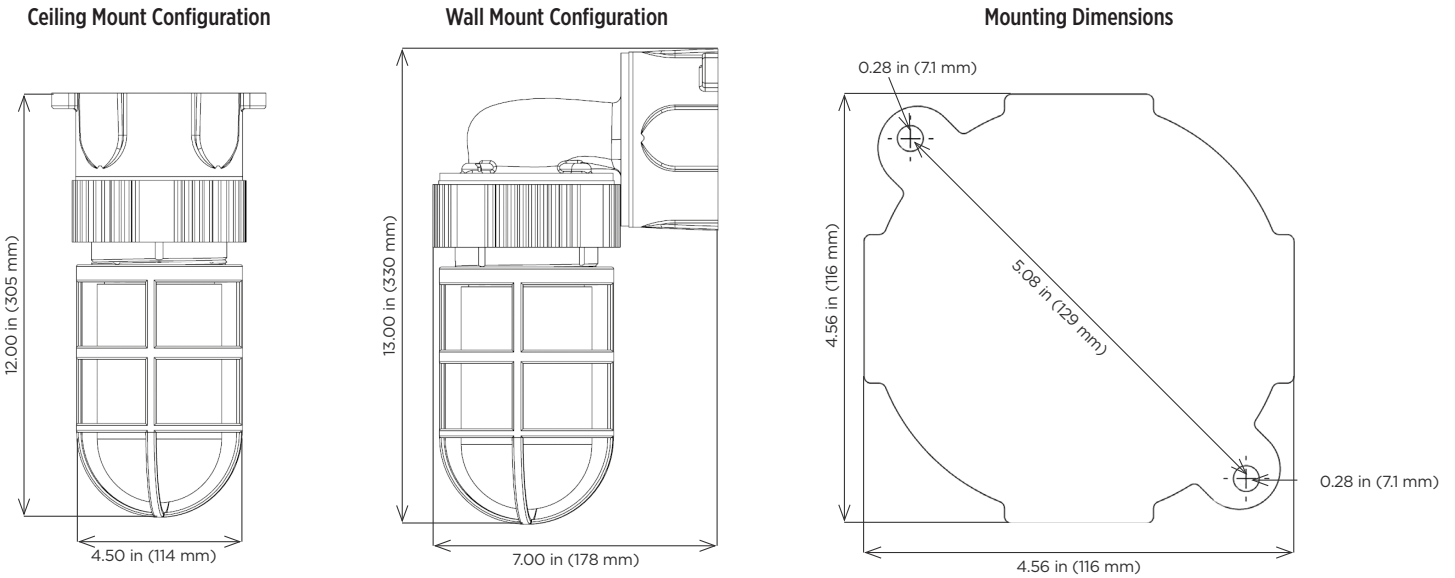
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|--------------------------------------|--|
| Construction | Die cast brass Long-life silicone gaskets |
| Globe | Frosted heat treated glass (FGC) or Amber heat treated glass (GHA) - standard Additional globes available as accessories |
| Guard | All fixtures come with a brass guard. Discard guard if not needed. |
| Hardware | Marine grade (316) stainless steel external hardware |
| Grounding | Junction boxes include hardware to ground the fixture |
| Light source | 17W, 1300 lumens Cool white (5600K) Sealed in optically clear silicone 50,000 hour rated life |
| Power source | 100-277V AC, 50-60Hz 0-10V dimming - standard Class 2 rated driver - standard Fully potted, Class 2 rated driver Over-voltage, over-current, short-circuit protection with auto recovery |
| Ambient operating temperature | -30°C to +40°C |
| Ambient storage temperature | -40°C to +40°C |
| Mounting | Wall (bulkhead) or ceiling mount |
| Outlets | One ½ inch NPT outlet for power connection |
| Weight | Ceiling mount configuration: 10.0 lb (4.5 kg) Wall mount configuration: 13.0 lb (5.9 kg) Add approximately 1.0 lb to each for shipping weight |
| Warranty | 5 years |

For IES files, see website or contact factory

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Dimensions



Ordering Information

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

| Fixture | Mount | Wattage/Type | Color Temperature | Globe |
|---------|-------|--------------|-------------------|------------------|
| VB | C | 17LED | CW | FGC ¹ |
| | W | | | GHA ¹ |

| Fixture | Mount | Wattage/Type | Color Temperature | Globe | |
|---------|-------|-----------------|-------------------|---------------|---|
| VB | Brass | C Ceiling mount | 17LED 17W | CW Cool white | FGC ¹ Frosted heat treated glass |
| | | W Wall mount | | - 5600K | GHA ¹ Amber heat treated glass |

Notes

- Standard with frosted heat treated glass (FGC) or Amber heat treated glass (GHA). For other globe options, order from accessory list below as separate line item.

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

- GHC Clear heat treated glass
- GHR Red heat treated glass
- GPC Clear prismatic glass
- PPC Clear polycarbonate prismatic - to be used without guard