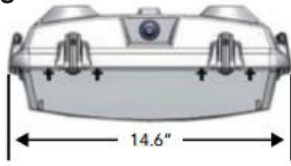


Vaporproof High Bay LED VHL2 Series




Proudly
Designed & Assembled
IN THE USA*



Applications

- Entrance Lighting
- Food Processing
- Parking Structures
- Car Washes
- Beverage Industry
- Public Access
- Pickling and Galvanizing Facilities
- Construction Sites

Features

- High output LEDs provide 80+ CRI
- L70 is theoretically calculated to be greater than 100,000 hrs
- Standard: Multi-volt (120 - 277V) input
- Minimum starting temperature: -40°C
- Suitable for ambient temperature up to 50°C (122°F)
- UL Listed
- 5 Year Warranty
- System Designed, Manufactured, Tested, and Approved in Mendenhall, Mississippi

Installation

- Shipped fully wired with driver
- Easy access to wiring compartment and driver via removable gear tray
- NEC compliant luminaire power disconnect standard
- **Mounting Straps:**
Standard: Zinc Plated Mounting Straps
Optional: 316 Stainless Steel High Strength Mounting Straps introduce the most versatile and dependable mounting options available.
Suitable for cable mounts, ceiling mounts, and even dual pendant mounting (FIO: Option V)
- **Mounting Hardware:**
Standard: Two versatile 316 Stainless Steel V-Hook mounting brackets
Optional: Zinc Plated or 316 Stainless Steel Rigid Mounting Beam
Optional: 316 Stainless Steel Flexible Ceiling Mount
Optional: Wire Hanging Kit



Please review our online resource section on page 3 for more info

| | |
|--------------|--|
| Project: | |
| Catalog#: | |
| Approved by: | |

Description

VHL2 series vaporproof high bay is engineered for performance down to the smallest detail. It is fully gasketed to provide total protection from dust and moisture penetration. It withstands corrosion, splashing water, hose-directed water, and damage from external ice formation.

Benefits

- Energy saving compared to fluorescent systems
- Exceptional color rendering
- Available in multiple color options
- High system efficacy
- Long LED life

Housing

- One-piece fiberglass upper body; no seams to crack, break, or leak; is rugged and corrosion resistant
- Innovative driver heat rail provides stronger backbone for the housing, easier driver mounting, and allows the drivers to operate up to 13°C cooler
- 5VA Flammability Rating
- Acetal Copolymer White Plastic Latches (Standard) [See Note 1]
- 316 Stainless steel hardware for maximum durability (Optional) [See Note 1]
- Twelve newly designed 3-piece captive latches provide optimal lens retention and will not come off the fixture [See Note 1]
- White polyethylene molded end plugs for use as knock-outs
- Pressure wash up to 1500 PSI [See Note 2]

Gasket

- Closed cell polyester gasket
- IPoured gasket seamlessly fills channel for maximum seal
- Gasket has dry skin that will not stick to the mating surface
- High gasket compression recovery ensures a solid seal over life of fixture

Diffuser

- Injection molded for maximum strength and precise detail
- Frosted ends and lineal prisms on sides reduce glare
- Continuous formed perimeter provides for positive seal
- **Materials:**
Option A: 100% Virgin Impact Resistant Acrylic Long lasting clarity and resistance to weathering
Option F: Frosted lens 100% Impact Resistant Acrylic
Option P: UV Stabilized Polycarbonate Maximum impact resistance

Notes:

(1) If fixtures are to be used in a food processing application where chemicals, high temperature and high
(2) All installed fittings must be both of appropriate type and be installed to the manufacturer's specifications. Not responsible for misapplication of latch selection for vapor proof fixtures. Steel Latches in a food processing application could cause failures with plastic latches. Howard Industries is pressure is used to clean fixtures, we recommend the use of Stainless Steel Latches. Failure to use Stainless

*Foreign and domestic components.

Ordering Information

| Model | Lens | No. of LEDs/ Output Watts | CCT | Input Volts | Factory Installed Options | Cordset Options (discuss with customer service) | Packing |
|-------------|---|---|--------------------------------------|--------------------|---|--|------------------|
| VHL2 | F | 576193 | 50 | U | 000 | 00 | I |
| VHL2 | A: Clear Impact Resistant Acrylic F: Frosted Impact Resistant Acrylic P: Clear UV Stabilized Polycarbonate | 672195 ‡: 672 LEDs, 195 Watts 576193 : 576 LEDs, 193 Watts 576162 : 576 LEDs, 162 Watts 384130 : 384 LEDs, 130 Watts 288082 : 288 LEDs, 82 Watts | 40: 4000K 50: 5000K | U: 120-277V | 000: No FIO A: Occ. Sensor B* : Emergency Battery Backup C: Lens Tether Safety Cable M: End Mount Bracket S ‡: Stainless Steel Latches V ‡: Stainless Steel Mounting Strap | 00: Standard Disconnect 01: 6', no plug 02: 10', no plug 03: 6', twist lock 120v 04: 10' SJT 18/3 L5-T5 twist lock 120v 05: 6' SJT 18/3 5-T5 non-twist lock 120v 06: 10' SJT 18/3 5-T5 non-twist lock 120v 07: 6' twist lock 277V 08: 10' SJT 18/3 L7-15 twist lock 277V 17: 18/3, no plug spec len | I: Single |

‡ Limited availability: 4000K only, not DLC listed

§ If all stainless steel exterior hardware is required, use FIO Order Options S & V.

* Not Available with 672195 unit. Max. ambient rating with emergency battery pack is 45°C (113°F) for 288082 and 384130 models. 40°C (104°F) for 576162 model, and 35°C (95°F) for 576193 model. 7W max. output, approximately 900 lumens.

Sample Ordering Information

VHL2F57619350U000001

Vaporproof High Bay LED
 Frosted Acrylic Lens
 576 LEDs, 193 Output Watts
 5,000K Color
 No Factory Installed Options
 Standard Disconnect

Note:

VHL2 comes standard with 12 white plastic latches, 4 zinc-plated mounting straps, and 2 versatile V-hook mounting brackets
 Optional: Wire Hanging Kit (sold separately)
 Optional: 316 Stainless Steel Flexible Ceiling Mount (sold separately)
 Optional: 316 Stainless Steel Rigid Mounting Beam (sold separately)
 Optional: 316 Stainless Steel Exterior Hardware (Options S & V)

Performance Table

| Model # | Lumen Output | | Scaled Input power (W) | Efficacy (lm/w) |
|-------------|----------------|----------------|------------------------|-----------------|
| | 5000k; 80+ CRI | 4000K; 80+ CRI | | |
| VHL2P288082 | 13663 | 13603 | 100 | 136 |
| VHL2A288082 | 13799 | 13711 | | 138 |
| VHL2F288082 | 13647 | 13587 | | 136 |
| VHL2P384130 | 19742 | 19442 | 151 | 131 |
| VHL2A384130 | 19939 | 19636 | | 132 |
| VHL2F384130 | 19719 | 19419 | | 131 |
| VHL2P576162 | 27458 | 27041 | 206 | 133 |
| VHL2A576162 | 27732 | 27310 | | 134 |
| VHL2F576162 | 27426 | 27010 | | 133 |
| VHL2P672195 | - | 17871 | 219 | 82 |
| VHL2A672195 | - | 18049 | | 82 |
| VHL2F672195 | - | 17850 | | 82 |
| VHL2P576193 | 29613 | 29163 | 226 | 131 |
| VHL2A576193 | 29908 | 29453 | | 132 |
| VHL2F576193 | 29578 | 29129 | | 131 |

Options/Features Available

Latches*



White Secure Locking Plastic Latch*
12 per fixture (Standard)



316 Stainless Steel Latch*
(FIO: Option S)

Mounting Strap



Zinc Plated (Standard)
VHA2-MS-ZP
4 per fixture

Optional:
316 Stainless Steel
(FIO Option V)
VHA2-MS-SS

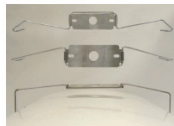
Mounting Options



V-hook
316 Stainless Steel
2 per fixture (Standard)



Rigid Mounting Beam (Optional)
2 per fixture required
Zinc Plated VHA2-MB-ZP
316 Stainless Steel VHA2-MB-SS



Flexible Ceiling Mount
VHA1-CM
316 Stainless Steel
2 per fixture
Fits both VHA1 & VHA2



End Mount Bracket
(clip not included)

Field Installed Options

| Model # | Description |
|------------|--|
| VHA2-MB-ZP | Rigid Mounting Beam - Zinc Plated |
| VHA2-MB-SS | Rigid Mounting Beam - 316 Stainless Steel |
| VHA1-CM | Flexible Ceiling Mount - 316 Stainless Steel |
| HF-WCH | Wire Cable Hanging Kit 5ft. |
| HF-WCH-SS | Stainless Steel Wire Cable Hanging Kit 5ft. |

*Note: If fixtures are to be used in a food processing application where chemicals, high temperature and high pressure is used to clean fixtures, we recommend the use of Stainless Steel Latches. Failure to use Stainless Steel Latches in a food processing application could cause failures with plastic latches. Howard Industries is not responsible for misapplication of latch selection for vapor proof fixtures.

Online Resource Section

DLC VHL2 Listings:

<https://www.designlights.org/search/?search=vhl,%20Howard%20Lighting>

Lighting Facts Logos:

<http://www.howard-lighting.com/Documents/SpecSheets/Fixture/LED/LightingFacts/VHL2LED-LightingFacts.pdf>

More Info on VHL2 Series:

<http://www.howard-lighting.com/Search.aspx?sc=vhl2>