

Vaporproof High Bay LED VHL2 Series



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



Visit www.designlights.org for the Qualified Products List



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

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.

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

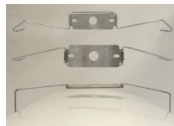
Mounting Options



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>