

VSVH High Bay Vapor Proof Luminaire



Application: The Vyv VSVH High Bay Vapor Proof Luminaire is a premium-grade high or low bay luminaire for use with indoor and outdoor applications where dust/water resistance is required. The glass reinforced polyester housing and acrylic lens makes it ideal for applications that require a high degree of ingress protection. Suitable for 1500psi pressure spray down. Operating ambient temperature range is from -40° to 35°C.

Mode Switching: Use 'Antimicrobial+Light Mode' when both continuous antimicrobial action and illumination are needed and 'Enhanced Antimicrobial Mode,' which emits a higher dosage of Vyv's antimicrobial wavelengths, as an antimicrobial cleaning mode for when full illumination is not required. See installation instructions (INS-408) for wiring details.

Product Specifications

Code Compliance: In 2021, ASHRAE/IES 90.1 and IECC 2021 Section C405.3.1.20 added exemptions from energy calculations for antimicrobial lights. Both LED modes have antimicrobial effect.
Ref: NEMA LSD EB 84-2021

Housing: Molded one-piece glass reinforced plastic housing. Continuous poured in place polyurethane gasket. Diffuser flange fits into the gasketed retention slot providing a continuous seal, and is held in place with 12 white celcon retaining latches. Holes on each end are 7/8 inch nominal diameter and are provided with two EPDM rubber caps for connection and through wiring.

Finish: Pre-painted steel geartrays.

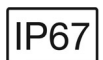
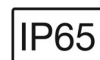
Lens: Lens is optically clear impact resistant acrylic for maximum light transmission and longevity. The sides have precise linear prisms and ends are frosted to reduce direct glare. The lens is held in place with stainless steel latches.

Mounting: Stainless steel V-hook hangers are standard. Optional cable hangers and ceiling-mount brackets are available.

Electrical: Long life LED's coupled with high efficiency drivers provide quality illumination. The standard driver comes standard with 0-10v dimming and has a THD of <10%. All electrical components are UL approved.

LED: Patented Vyv LED package. The range of CCT (correlated color temperature) follows the color uniformity guidelines of the American National Standard regarding specifications for the chromaticity of solid-state lighting (SSL) products as per ANSI C78.377-2017.

Approvals: Approved to UL standards. Suitable for wet locations. IP65/67 certified, housing is NSF component listed. EPA Est. 94831-CAN-1. Covered by one or more of the following U.S. Patent Numbers: 9,333,274; 9,439,989; 9,713,223; 9,927,097; 10,357,582; 10,753,575; 11,713,851



Ordering

Project: _____ Date: _____
 Luminaire Type: _____ Approved By: _____
 Product Code: _____

Series	Size	CRI	CCT	Lumens	Voltage	Features	Options
VSVH	48	80			UNV		
	48 48"	80 80 CRI	40 4000K 50 5000K 5000K CCT is only available for the 125 lumen package	075 7,500lm 125 12,500lm	UNV 120-277V	N Dual Mode (Antimicrobial+Light Mode & Enhanced Antimicrobial Mode) W Antimicrobial +Light Mode	Driver EBP * Emergency Lighting Battery Pack (10W) Wiring B11 Flexible Feed Cord (Single Circuit Only) 6-ft B2 Liquid Tight Strain Relief (Not for XH) B16 Wiring 2-Circuit Cord Housing C3 Tamperproof Latches

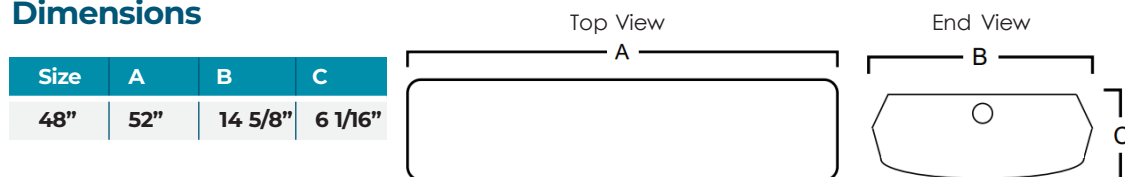
Mounting Accessories (Ordered Separately)

KIT00001	Mounting Chain Set (2) 4ft w/ S-Hooks.M10
KIT00006	Rigid Mounting Beam.M63
KIT00013	Ceiling Plate w/ Wireform.M39
KIT00040	Chain Set (2) 6ft.M10 w/ S-Hooks (4)
KIT00042	Chain Set (2) 12ft.M10 w/ S-Hooks (4)
KIT00092	25 Degree Bracket.M43(25)
KIT00093	45 Degree Bracket.M43(45)

Performance

Size	Lumens	CRI	Watts
48"	7,500	80	160
48"	12,500	80	164

Dimensions



Electrical

Input Frequency	50/60Hz
Power Factor	>.9
Control	On/Off via standard light switch Antimicrobial+Light Mode to Enhanced Antimicrobial Mode (optional) via low voltage switch or controls.

* Emergency battery pack is not available with Haz Loc (XH)

** 1% dimming not available with Hazardous Location Luminaires.
 Supplied with 2pc. of HAZLOC 1/2" Hubs and 1pc. of 1/2" Thread Plug. Cord not available.

Operation limited to ambient temperature ≤35 °C.

Vyv will work with your facility to customize a design for lighting and antimicrobial action.
 Vyv, Inc. reserves the right to upgrade and improve products without notice.

SPECIFICATIONS AND DATA SUBJECT TO CHANGE WITHOUT NOTICE

*Emergency battery packs have limited operating temperatures.
 If a fixture is to be switched to a 2-circuit cord B16 is advised.
 Consult factory.

Updated April 3, 2026