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

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.

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

Ordering

Project: _____ Date: _____

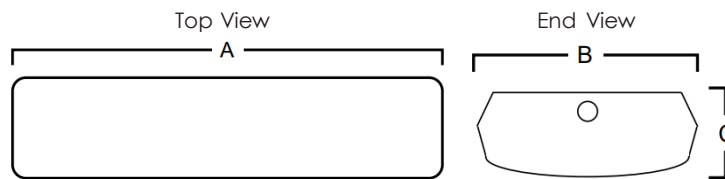Luminaire Type: _____ Approved By: _____

Product Code: _____

Series	Size		CRI		CCT		Lumens		Voltage		Features		Options	
VSVH	48		80				075		UNV					
	48	48"	80	80 CRI	30	3000K	075	7,500lm	UNV	120-277V	**N** Dual Mode		**Driver**	
					35	3500K					(Antimicrobial+Light Mode & Enhanced Antimicrobial Mode)		EBP* Emergency Lighting Battery Pack (10W)	
					40	4000K							**Wiring**	
											W Antimicrobial +Light Mode		B11 Flexible Feed Cord (Single Circuit Only) 6-ft	
													B2 Liquid Tight Strain Relief (Not for XH)	
													B16 Wiring 2-Circuit Cord	

Packaging
S1 Pack Bulk/Pallet Packed and/or Wrapped

Housing
C2 Stainless Steel Latches
C3 Tamperproof Latches

Approval
XH** Class I Zone 2 Groups IIC, IIB + H2, IIA Zone 22 Groups IIB, IIA (Class I Div 2 Groups A,B,C,D Class II Div 2 Groups F,G Class III) T3C or T4

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)

Dimensions

Size	A	B	C
48"	52"	14 5/8"	6 1/16"

Top View
A

End View
B
C

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

Performance

Size	Lumens	CRI	Watts
48"	7,500	80	160

* 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 ºC.

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

Updated January 25, 2024