

VHL Vapor Hazardous Locations

Specification-Grade Hazardous Location Glass Reinforced Polyester Vapor Resistant Luminaire (IP65)

Project	
Туре	
Date	
Cat #	

Application Features

Specification-grade enclosed and gasketed luminaire (IP65). For use in both indoor and outdoor applications where vapor resistance and hazardous location certification is required (consult ordering key). For use in wet locations.



Specifications

Optical System

Standard diffuser is high-impact acrylic with textured pattern designed for highefficiency while providing reduced glare. Smooth surface faces outwards. Clear polycarbonate lamp guards are available aiding in performance in cold temperature areas.

Mounting

Offset mounting pads which keep luminaire level and slightly off of the mounting surface are formed within the housing.

Construction

Structurally rigid glass reinforced polyester housing. Hole is 7/8 inch diameter and is provided with a threaded and gasketed hub for rigid 1/2 inch conduit attachment. Diffuser flange fits into the gasketed retention slot providing a continuous seal, and is held in place with retaining latches. Continuous poured in place polyurethane gasket.

Finish

High-reflectivity coated reflecting surfaces for improved efficiency. Internal housing assembly pre-painted white steel.

Electrical

Rotary lampholders ensure positive lamp retention. Sufficient knockouts are provided for connections and through wiring.

Approvals

CSA Approved. For Wet Locations. Meets IP65. For Hazardous Locations Class I Zone 2, Zone 22 (consult ordering key). NSF listed housing.



Features

- Hazardous Location Approved
- IP65 Ingress Protection Rating
- NSF Listed Housing
- Suitable for indoor or outdoor applications
- · Shallow and narrow design
- Structurally rigid glass reinforced polyester housing
- Available with 1, 2 or 3 lamps (T5, T8 and T12 configurations)
- · Continuous poured in-place gasket
- Max Ambient 40 degrees Celsius^{††}

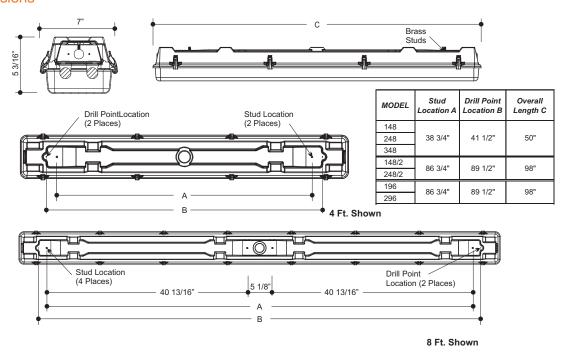
Options & Adders

- Clear, prismatic polycarbonate lens
- Tamper-proof and Stainless steel latches
- Mounting brackets
- · Chain sets

Applications

- Canopies
- Cold Storage Facilities
- · Cleanrooms, Garage and Workshops
- Food Processing Areas
- Hazardous Locations
- Parking Garages
- Dusty and Wet Environments

Dimensions



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Vapor Hazardous Locations

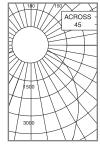
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Options

Photometrics - VHL248-T832N120-X1 - Efficiency 61.6%

Candle Distribution

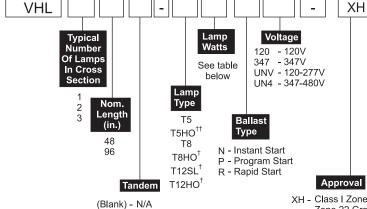


Luminance Summary-CD. / SQ. M.					
AN	IGLE	ALONG	45	ACROSS	
	45	4258	4172	4583	
	55	3902	3901	4565	
	65	3451	3689	4744	
	75	2713	3407	5191	
	85	1998	3286	5471	

Candle Power Summary

ZONE	LUMENS	% LAMP	% LUMINAIRE
0 - 30	795.32	13.50	21.90
0 - 40	1268.65	21.50	34.90
0 - 60	2255.18	38.20	62.10
0 - 90	3270.42	55.40	90.00
40 - 90	-	-	-
60 - 90	-	-	-
90 - 180	362.52	6.10	10.00
0 - 180	3632.94	61.60	100.00

Ordering



/2 - Single Housing (8 ft)

T2 - Two Disjointed

Housing Construction Options

C16 Stainless Steel Latches C18 Tamperproof Latches

Packaging Options

K0 Bulk Pack/ Pallet Packed and/or Wrapped

Mounting Options

M06 Mounting Bracket

M10 Mounting Chain Set (specify length in ft)

Lens Options

(High impact acrylic is standard)

□ P16 Clear Prismatic Polycarbonate

Housings

Note: This product is not available in the US (Canadian product only).

Example:

VHL348-T5HO54PUNV-P16XH

Lamp Watts

	Nominal Lamp Watts			Lamp Le	ength (in)	
Length	T5	T5HO	T8	T8HO	T12SL	T12HO
48 96	28 -	54 -	32 59	44 86	- 96	- 96

Other options may be available consult factory. Specifications and data subject to change without notice. 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

Occupancy/Motion Sensors are not available with Hazardous Location luminaire (XH Option)

[†]Only available in 2 lamp configuations.

^{††}3 Lamp T5HO max ambient 25 degree Celsius.