

FVH / LED Vapor Proof Highbay

The LED vapor proof highbay is a preferred upgrade to replacing HID fixtures and existing vapor proof fixtures in varying climate conditions. This weatherproof fixture is ideal for challenging environments like parking garages, schools, cold storage and other wet locations.

Project Name: _____ Type: _____

Catalog Number: _____ Date: _____



SPECIFICATIONS

Features

- Many lumen packages are available to choose from
- CCT options available
- Mounting brackets and hangers included

Construction

- Fiberglass gasketed enclosure
- Rust free
- Installer friendly

Electrical

- 120-277 VAC universal voltage standard
- 480 VAC available through step down (UL compliant) (all except 26K lumen package)
- Power Factor > .9 & THD < 20% @277 VAC on DLC listed models
- 0-10V dimming standard
- Name brand drivers
- Ambient Operatmg Range: -20°C to 30°C (-4°F to 86°F)
- TM-21 Reported Lumen Maintenance (L70) of >60k hrs, and Projected Lume Maintenance of 161k hrs

Optics

- Name brand LED arrays
- High efficiency LEDs
- CRI > 80 on DLC listed models; high color rendering
- Frosted lens reduces LED pixelation

Warranty

- 5-year limited warranty
- Project specific warranty terms available

Options

Consult with your sales representative for additional options

CERTIFICATIONS



ORDERING INFORMATION

ADDITIONAL OPTIONS:

TYPE	LUMEN PACKAGE	CCT		VOLTAGE	INPUT LINE	CORD	BACKUP ^A	SENSOR	GEN
FVH	11 11,000L	35 3,500K		Blank 120v/277v	Blank Water Tight Couple for cord	C*	E Backup Emergency Driver	S*	02
	13 13,000L	40 4,000K		H 480v	CH Conduit hub				
	18 18,000L	50 5,000K							
	22 22,000L								
	26 26,000L								
FVH						*Specify cord and plug using codes on pg 2	*Specify backup on pg 2	*Specify sensors using codes on pg 2	-02

Example Ordering Number: **FVH1140-C(6N)ES-(SS16)-02**

Contact your sales rep for options specifics.

^ANot available for 26K lumen package



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ADDITIONAL OPTIONS

Cord Options:

CODE	FEATURES
6N	6ft cord - no plug
6S	6ft cord - standard 3-prong plug (NEMA 5-15P)
6T	6ft cord- twist lock plug (NEMA L7-15P or NEMA L8-20P)
10N	10ft cord - no plug
10S	10ft cord - standard 3-prong plug (NEMA 5-15P)
10T	10ft cord - twist lock plug (NEMA L7-15P or NEMA L8-20P)

Sensor Options:

CODE	FEATURES
SS21	Sensor Switch SBOR 6 - high mounting heights - on/off control
SS32	Sensor Switch SBOR 10 - low mounting heights - on/off control
SS33	Sensor Switch SBOR 6D - high mounting heights - occupancy controlled dimming
SS34	Sensor Switch SBOR 10D - low mounting heights - occupancy controlled dimming

Emergency Backup Options:

CODE	FEATURES
PS01	PowerSentry PS1050 120-277v

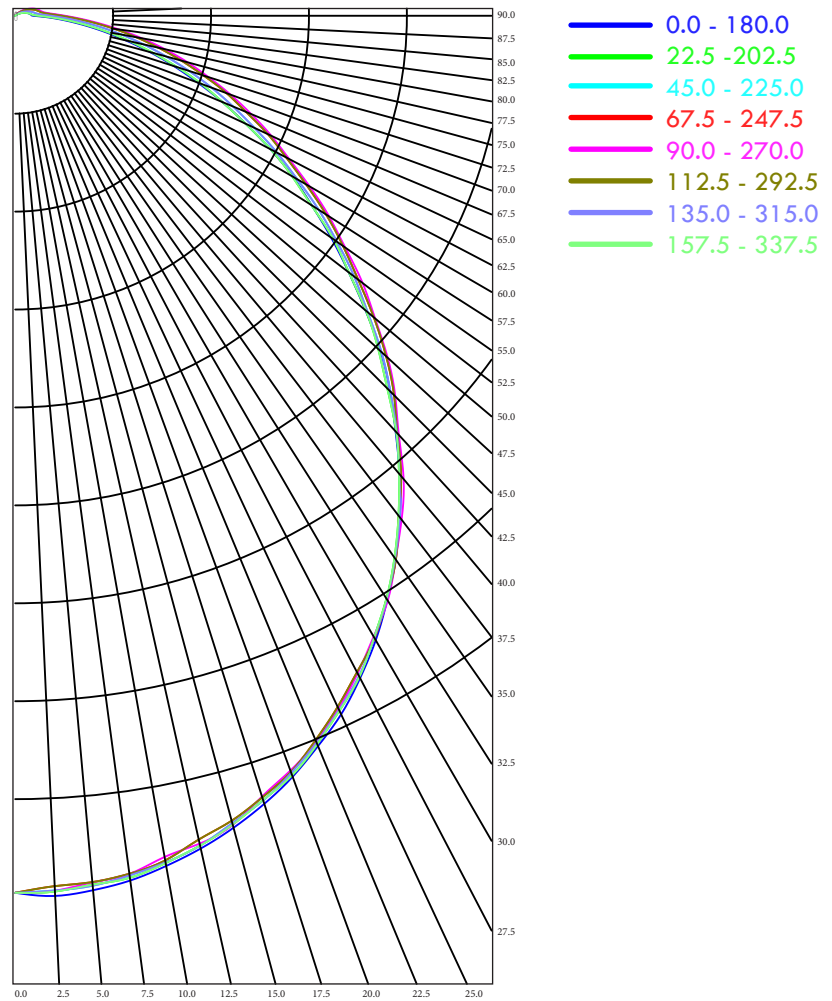
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PHOTOMETRIC DATA

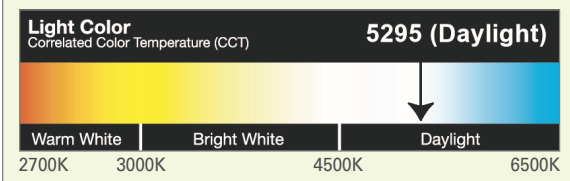
Zonal lumen summary

ZONE	LUMENS	% OF FIXTURE
0-30	3310	27.9
0-40	5343	45.1
0-60	9085	76.6
0-90	11560	97.5
90-120	270	2.3
90-150	301	2.5
90-180	301	2.5
0-180	11861	100.0

Polar plot



Light Output (Lumens)	11861
Watts	91.4
Lumens per Watt (Efficacy)	129.77
Color Accuracy Color Rendering Index (CRI)	84



All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: 61VT-A2V8FY (10/14/2015)

Model Number: FVH1150-C-02

Type: Luminaire - Industrial

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SCALED PERFORMANCE TABLE

Part #	Dimensions	Initial Light Output (lumens)	Input Power (W)	Luminaire Efficacy (lm/w)	CCT	DLCv4.1 (Tier)
FVH1135-[blank,C,E,S]-02	2x4	11467	93.20	123.0	3588	Standard
FVH1140-[blank,C,E,S]-02	2x4	11618	92.50	125.6	4176	Standard
FVH1150-[blank,C,E,S]-02	2x4	11861	91.40	129.8	5295	Premium
FVH1335-[blank,C,E,S]-02	2x4	13211	116.90	113.0	3561	Standard
FVH1340-[blank,C,E,S]-02	2x4	13385	115.90	115.5	4176	Standard
FVH1350-[blank,C,E,S]-02	2x4	13665	114.60	119.2	5295	Standard
FVH1835-[blank,C,E,S]-02	2x4	17489	151.80	115.2	3610	Standard
FVH1840-[blank,C,E,S]-02	2x4	17719	150.50	117.7	4176	Standard
FVH1850-[blank,C,E,S]-02	2x4	18090	148.80	121.6	5295	Standard
FVH2235-[blank,C,E,S]-02	2x4	21852	184.00	118.8	3608	Standard
FVH2240-[blank,C,E,S]-02	2x4	22140	182.40	121.4	4176	Standard
FVH2250-[blank,C,E,S]-02	2x4	22603	180.40	125.3	5295	Standard
FVH2635-[blank,C,E,S]-02	2x4	25731	229.50	112.1	3610	Standard
FVH2640-[blank,C,E,S]-02	2x4	26070	227.50	114.6	4176	Standard
FVH2650-[blank,C,E,S]-02	2x4	26615	225.00	118.3	5295	Standard

APPLICATION NOTES

Actual performance may vary by up to +/-10% of values listed. See IES file for actual values.

See DLC QPL for listed models. Model numbers will be listed under the manufacturer Energy Planning Associates.

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FIXTURE DIMENSIONS

