

FVP VAPOR PROOF HIGHBAY FIXTURE

4' T5/T8 Vapor Proof Fixture

Description

Envirobrite's® UL listed and IP67 Certified 2x4 FVP Vapor Proof Fixtures are available in both 4 and 6 lamp configurations for both T5 and T8 lamps. Acrylic or polycarbonate lens options sealed for either wet or damp locations. Envirobrite® Enhanced Miro4 Aluminum reflectors are included and have long been the preferred material for their thermal properties and ability to illuminate and operate efficiently in high temperature environments. The result is substantial energy savings, improved lighting, and an ideal option for low, medium and high bay applications. In conjunction with numerous ballast and lamp configurations our FVP fixtures can easily produce ideal IES recommended light levels with minimized energy consumption.

Application

Envirobrite® Vapor Proof fixtures have been a preferred upgrade to retrofit existing lamps in varying climate conditions. This weatherproof fixture is an excellent fixture for use in parking garages, schools, cold storage, kitchens and wet/damp locations. The FVP fixture is National Sanitation Federation approved.

Design

Envirobrite® FVP fixtures are manufactured for either surface or suspension mounted applications. Our FVP High Bay fixture's fiberglass body is durable and resistant to most chemicals. Each fixture consists of continuous poured neoprene gaskets and stainless steel latches that seal the enclosures from most hostile environments. All Envirobrite® fixture reflectors are designed by our expert in house lighting engineers for ideal photometry and trouble-free installation. Every Envirobrite® fixture is designed to meet UL 1570 specifications for safety.

Primary Features & Benefits

- Assembled in the USA
- Considerable reduction in energy costs
- Cable / toggle / V Clip hanging options
- IP67,UL94(f1) UL746, IP67 Certified – NEMA 4X / NSF rated
- 4 and 6 lamp options available
- UV protected lens made of either 100% clear acrylic or polycarbonate
- Internal geartray access from either side
- Aluminum reflectors or 91% white ballast covers have excellent thermal properties
- Utility rebate friendly throughout the U.S.
- Up to a 25 year warranty and a 10 year labor allowance
- Significant reduction in maintenance costs
- Sensor ready
- Wet location, vapor proof, easily washed down and cleaned
- Engineered resin, 5VA flammable rating
- Withstands moderate impacts

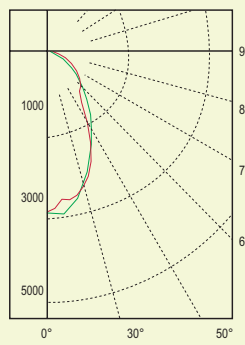
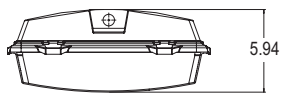
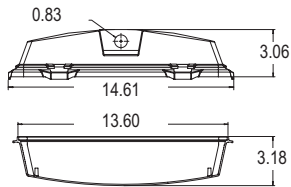
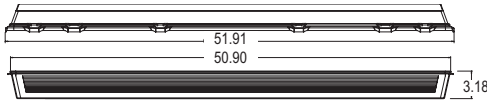
Quick, Safe and Labor Efficient Installation

- Snap-in lamp holders won't fall out during overhead installation
- Tamper resistant stainless steel latches
- Knockouts located at each end – 1/2" entry NPT /M20 fittings
- Streamlined packaging for easy job site material management
- With 1/3 the weight of steel aluminum and fiberglass components permit reduced shipping cost and simpler installation
- Mounting clips made from Stainless Steel V, rated UL 4x weight

For added efficiency include high quality T5 or T8 lamps. Adding an Envirobrite® approved motion sensor system to your lighting upgrade project will further enhance energy savings and create an even faster payback



Dimensions



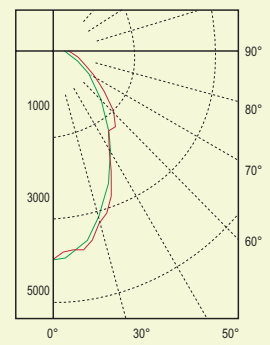
0° — Candela Plot
45° — 4 Lamp T8
90° —

Zonal Lumen Summary

Zone	Lumens	% Lamp	Fixture
0-30	2688	23.2	26.7
0-40	4452	38.4	44.1
0-60	7706	66.4	76.4
0-90	10084	86.9	100.0

Total Luminaire Optical Efficiency = **86.9%**
*specs taken using ballast cover only and an acrylic waffle lens

Luminaire Spacing Criterion
0 deg - **1.3** 90 deg - **1.3**
Call factory for full photometric report



0° — Candela Plot
45° — 6 Lamp T8
90° —

Zonal Lumen Summary

Zone	Lumens	% Lamp	Fixture
0-30	3502	20.1	25.0
0-40	5807	33.4	41.4
0-60	10402	59.8	74.1
0-90	14034	80.7	100.0

Total Luminaire Optical Efficiency = **80.7%**
*specs taken using ballast cover only and an acrylic waffle lens

Luminaire Spacing Criterion
0 deg - **1.2** 90 deg - **1.3**
Call factory for full photometric report

Ordering Information

Sample number: **FVP2404T5554ENVMVTL14H**

FIXTURE

TYPE	DIMENSION	LAMPS	LAMP TYPE	REFLECTOR	VOLTAGE	BALLAST TYPE
<input type="radio"/> FVP=Vapor Proof	<input type="radio"/> 24=2x4	<input type="radio"/> 04=4 Lamp <input type="radio"/> 06=6 Lamp	<input type="radio"/> T832=32W <input type="radio"/> T554=54W	<input type="radio"/> EN=95% MIRO 4 Enhanced <input type="radio"/> WA=Ballast Cover	<input type="radio"/> VMVT=120/277 <input type="radio"/> VHVT=347/480	<input type="radio"/> IS=Instant Start <input type="radio"/> PS=Programmed Start

BALLAST CONFIGURATION	NO. OF BALLASTS	NO. OF LAMPS	BALLAST FACTOR	LENS		
				THICKNESS	APPEARANCE	LENS TYPE
<input type="radio"/> L=Single	<input type="radio"/> 1=1 Ballast	<input type="radio"/> 4=4 Lamp	<input type="radio"/> L=Low	<input type="radio"/> LST=Standard	<input type="radio"/> CS=Clear Smooth	<input type="radio"/> P=Polycarbonate <input type="radio"/> A=Acrylic
<input type="radio"/> M=Multi	<input type="radio"/> 2=2 Ballasts	<input type="radio"/> 6=6 Lamp	<input type="radio"/> S=Standard <input type="radio"/> H=High			

OPTIONS

MOUNTING OPTIONS	CORD - Optional				EMERGENCY BALLAST
	CORD	ATTACHED/UN	SPECIALTY	PLUG	
<input type="radio"/> NH0=V Hook Bracket	<input type="radio"/> D06=6' Cord	<input type="radio"/> U=Unattached	<input type="radio"/> 1=Cold Temperature	<input type="radio"/> N=No Plug	<input type="radio"/> EII=Iota Pre-wired
<input type="radio"/> NH1=Cable Bracket 5'	<input type="radio"/> D10=10' Cord	<input type="radio"/> S=Attached Side	<input type="radio"/> 0=None	<input type="radio"/> T=Twist Lock Plug	
<input type="radio"/> NH2=Cable Bracket 10'	<input type="radio"/> D12=12' Cord			<input type="radio"/> P=Standard Plug	
	<input type="radio"/> D15=15' Cord				
	<input type="radio"/> D20=20' Cord				
	<input type="radio"/> D25=25' Cord				

MOTION SENSOR - Optional

CONTROL TYPE	POWER FEED	APPLICATION	CONFIGURATION
<input type="radio"/> CMSN=Motion Sensor	<input type="radio"/> 1=Single Pole	<input type="radio"/> A=Aisle 10 Degree	<input type="radio"/> QIO=Sensor Inboard/Outboard
<input type="radio"/> CMPU=Motion Sensor with Photcell Facing Up	<input type="radio"/> 2=Two Pole	<input type="radio"/> H=High Bay 360 Degree	<input type="radio"/> QSA=Sensor All
<input type="radio"/> CMPD=Motion Sensor with Photcell Facing Down			
<input type="radio"/> CMLH=Motion Sensor with Low Temp/High Humidity			
<input type="radio"/> CPWO=Prewire Only			
<input type="radio"/> CLPD=Low Temp/High Humidity			