

FVP VAPOR PROOF FIXTURES

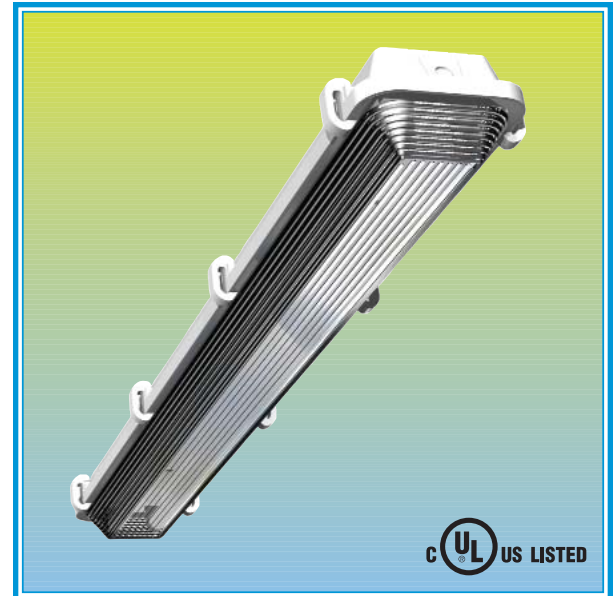
4' & 8' Vapor Proof Fixture

Description

Envirobrite's® UL listed FVP Vapor Proof Fixtures are made in several sizes ranging around 1' x 4', 1' x 8' and 2' x 4' formed fiberglass housings, T8 or T5 lamp holders, acrylic or polycarbonate lens options sealed for either wet or damp locations. Envirobrite® Enhanced Miro4 Aluminum reflectors or ballast covers or White Aluminum reflectors are included and have long been the preferred material for their thermal properties and ability to illuminate and operate efficiently in high and low 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 retrofitting existing lamps in varying climate conditions. These fixtures are an excellent fixture for use in parking garages, schools, cold storage, kitchens and wet/damp locations. The FVP fixtures are National Sanitation Federation approved.



Design

Envirobrite® FVP fixtures are manufactured for either surface or suspension mounted applications. Our FVP fixture is a flexible approach to any application. Each fixture is manufactured with knock outs on both ends of the fixture. All Envirobrite® fixtures 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. Integral to ideal fixture functionality is the combination of our manufactured reflectors. Envirobrite® reflectors are fabricated with Energy Planning Associates custom-made multi-stage progressive roll forming machinery. Our unique high speed equipment consistently produces multi-faceted linear fluorescent reflectors within precise quality tolerance. Our process enables us to add additional facets for superior reflector performance significantly reducing production cost and improving lead times.

Primary Features & Benefits

- Proudly Designed, Made and Assembled in the USA
- Considerable reduction in energy costs
- UL Listed
- 1,2,3,4, and 6 lamp options available
- Easily cleaned
- Aluminum reflectors and ballast covers have excellent thermal properties
- Utility rebate friendly throughout the U.S.
- Significant reduction in maintenance costs
- Optional motion / occupancy sensing and photo-cell technology for further savings

Quick, Safe and Labor Efficient Installation

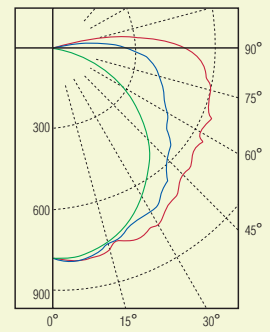
- Snap-in lamp holders won't fall out during overhead installation
- Tamper resistant latches
- Toolless ballast access for simple maintenance
- Streamlined packaging for easy job site material management

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.

optimize



Wattage



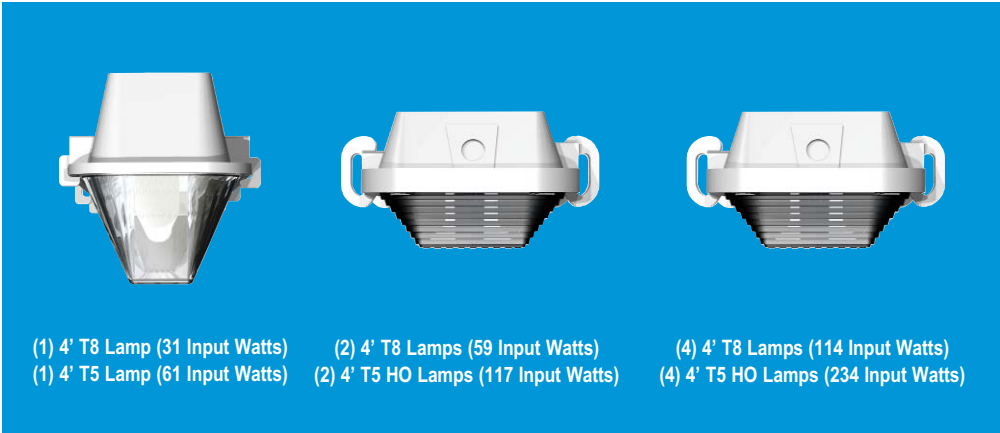
0° — Candela Plot
45° — 4' 2 Lamp T5
90° —

Zonal Lumen Summary

Zone	Lumens	% Lamp	Fixture
0-30	1259	12.6	20.2
0-40	2126	21.3	34.0
0-60	3979	39.7	63.5
0-90	5878	58.8	94.1

Total Luminaire Optical Efficiency = **62.5%**
*specs taken using ballast cover only and an acrylic waffle lens

Luminaire Spacing Criterion
0 deg - **1.2** 90 deg - **1.4**
Call factory for full photometric report



- (1) 4' T8 Lamp (31 Input Watts)
(1) 4' T5 Lamp (61 Input Watts)
- (2) 4' T8 Lamps (59 Input Watts)
(2) 4' T5 HO Lamps (117 Input Watts)
- (4) 4' T8 Lamps (114 Input Watts)
(4) 4' T5 HO Lamps (234 Input Watts)

Ordering Information

Sample number: **FVP1404T5554ENVMVTL14H**

FIXTURE

TYPE	DIMENSION	LAMPS	LAMP TYPE	REFLECTOR	VOLTAGE	BALLAST TYPE
<input type="radio"/> FVP=Vapor Proof	<input type="radio"/> 14=1x4 <input type="radio"/> 18=1x8	<input type="radio"/> 01=1 Lamp <input type="radio"/> 04=4 Lamp <input type="radio"/> 02=2 Lamp <input type="radio"/> 06=6 Lamp <input type="radio"/> 03=3 Lamp	<input type="radio"/> T832=32W <input type="radio"/> T554=54W	<input type="radio"/> EN=95% MIRO 4 Enhanced <input type="radio"/> EA=95% Enhanced Ballast Cover <input type="radio"/> WA=White Painted Aluminum-	<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
<input type="radio"/> L=Single	<input type="radio"/> 1=1 Ballast	<input type="radio"/> 1=1 Lamp <input type="radio"/> 4=4 Lamp	<input type="radio"/> L=Low
<input type="radio"/> M=Multi	<input type="radio"/> 2=2 Ballasts	<input type="radio"/> 2=2 Lamp <input type="radio"/> 6=6 Lamp	<input type="radio"/> S=Standard
		<input type="radio"/> 3=3 Lamp	<input type="radio"/> H=High

OPTIONS

MOUNTING OPTIONS	CORD - Optional				EMERGENCY BALLAST
	CORD	ATTACHED/UN	SPECIALTY	PLUG	
<input type="radio"/> NF7=VP 2 Lamp Mounting Bracket	<input type="radio"/> D06=6' Cord <input type="radio"/> D10=10' Cord <input type="radio"/> D12=12' Cord <input type="radio"/> D15=15' Cord <input type="radio"/> D20=20' Cord <input type="radio"/> D25=25' Cord	<input type="radio"/> U=Unattached	<input type="radio"/> 1=Cold Temperature <input type="radio"/> 0=None	<input type="radio"/> N=No Plug <input type="radio"/> T=Twist Lock Plug <input type="radio"/> P=Standard Plug	<input type="radio"/> EII=Iota Pre-wired

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			