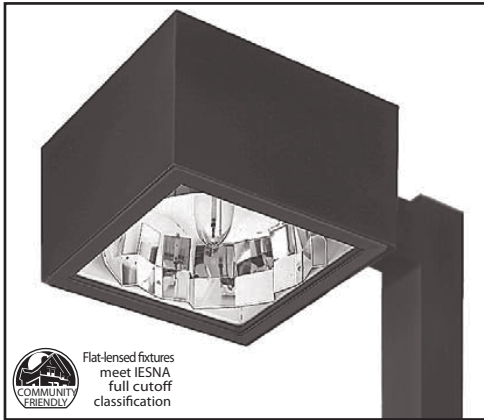


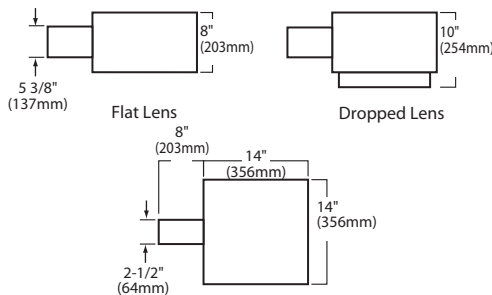
WLS LIGHTING SYSTEMS

FVS VERTICAL / HORIZONTAL LAMP / FLAT LENS SERIES



Flat-lensed fixtures meet IESNA full cutoff classification

DIMENSIONS

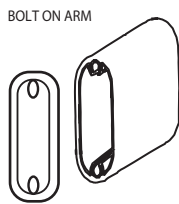


LUMINAIRE EPA CHART

FVS	Flat Glass	Drop Lens
Single	1.4	1.6
D180°	2.8	3.4
D90°	2.4	2.8
T90°	3.8	4.4
TN120°	3.9	4.5
Q90°	4.8	5.6

Note: House Side Shield adds to fixture EPA. Consult factory.

MOUNTING BRACKET



2 Bolt Pattern



SPECIFICATIONS

HOUSING - One piece aluminum housing. Corners are welded and finished to produce a clean, sharp appearance while increasing housing strength and ensuring weather-tight construction.

LENS/GASKET - Available with three lens options, including a flat clear tempered glass, a dropped prismatic acrylic, and a C73 diffused flat tempered glass. Each FVS lens is sealed to the lens frame with EPDM gasketing. The lens frame has a continuous, one-piece EPDM gasket for maximum sealing to the housing.

DOOR FRAME - Two captive stainless steel machine screws which secure the aluminum lens frame assembly to the main housing allow for easy access with no loose hardware.

FINISHES - Each fixture is finished with a baked-on polyester powder finishing process to give the fixture an exceptionally attractive appearance. The polyester finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. (See Luminaire Finish column in the ordering section for colors.)

REFLECTORS/DISTRIBUTION PATTERNS - The FVS Series fixture is available in six reflector systems and distribution patterns: Type II (2) and Type III (3) reflector with vertical burn lamp, Forward Throw (FP) with horizontal burn lamp, Type V Square (5) with vertical burn lamp, Asymmetrical (A) with vertical burn lamp, and Asymmetrical (AH) with horizontal burn lamp. Photometric data is tested in accordance with IESNA guidelines.

LIGHT SOURCES - Designed to operate with Pulse-Start Metal Halide (175 watt only), Super Metal Halide, Metal Halide, or High Pressure Sodium. All lamps are medium base except Asymmetrical Horizontal Burn (AH) which has a mogul base. Clear lamp is supplied as a standard.

SOCKETS - Porcelain sockets. All fixtures are equipped with medium-base sockets except type AH which is equipped with a mogul-base socket. All mogul-base sockets are pulse-rated.

BALLAST - High-power factor ballast. High Pressure Sodium fixtures feature a type HX-HPF or an R-HPF ballast designed for -20° F operation. Metal Halide fixtures feature a type CWA or HX-HPF ballast designed for -20° F operation.

BRACKETS - A 2-1/2" x 5-3/8" x 8" bolt-on bracket is shipped standard. A round pole plate (RPP) is required for mounting to 3"- 5" round poles (See option column in the ordering section).

Approved By: _____ Project Name: _____

Location: _____ Date: _____

P.O. Box 100519 | Fort Worth, TX 76185 | 800.633.8711 | Fax: 817.735.4824 | www.wslighting.com

WLS LIGHTING SYSTEMS

Consider the Impact!

FVS SERIES

VERTICAL / HORIZONTAL LAMP / FLAT LENS

ORDERING INFORMATION

SELECT APPROPRIATE CHOICE FROM EACH COLUMN TO FORMULATE ORDER CODE. Refer to example below.

LUMINAIRE	DISTRIBUTION	LAMP WATTAGE	LIGHT SOURCE	LENS	LINE VOLTAGE	LUMINAIRE FINISH	OPTIONS
FVS	2 - Type II 3 - Type III FT- Forward Throw Horizontal Burn 5 - Type V	100W 150W 175W	MH - Metal Halide HPS - High Pressure Sodium PSMH - Pulse Start Metal Halide (175 watt only)	FG - Flat Glass	480V MT - Multi Tap ³ TT - Tri Tap ²	BRZ - Bronze BLK - Black PLT - Platinum BUF - Buff WHT - White GRN - Green GPT - Graphite MSV - Metallic Silver CC - Custom Color	LL - Less Lamp GS - Glare Shield 8BK - 8" Bracket RPP - Round Pole Plate BKT-WM - Wall Mount Plate PT - Pole Top SF - Single Fusing DF - Double Fusing PC - Photo Cell PCR - Photoelectric Control Receptical ⁵ NO - No Options
	A - Asymmetrical Vertical Burn	100W 150W 175W	MH - Metal Halide HPS - High Pressure Sodium PSMH - Pulse Start Metal Halide (175 watt only)	DA - Dropped Prismatic Acrylic			
	AH - Asymmetrical ¹ (Mogul Base) Horizontal Burn	150W 175W	SMH - Super Metal Halide (175 Watt) MH - Metal Halide (175 Watt) HPS - High Pressure Sodium (150 Watt) PSMH - Pulse Start Metal Halide (175 watt only)	DA - Dropped Prismatic Acrylic 73 - C73 difussed Flat Tempered Glass			

FVS

5

175

PSMH

DA

MT

BRZ

NO

ORDER :
WLS-FVS

FOOTNOTES:

- All lamps have a medium base except Asymmetrical Horizontal Burn (AH) which has a mogul base.
- For international voltages, consult factory.
- MT - Multi Tap is shipped standard unless otherwise specified. Multi Tap consists of 120V, 208V, 240V, and 277V. Multi Tap is pre-wired for highest voltage. Alternate voltages will require field re-wiring.

- Tri-Tap is shipped standard for Canadian applications. Tri-Tap consists of 120V, 277V, and 347V. Tri-Tap is pre-wired for highest voltage. Alternate voltages will require field re-wiring.
- PCR factory installed and prewired for highest voltage. Alternate voltages will require field re-wiring. Photocell must be ordered separately - see Accessories

SHIPPING WEIGHTS - FVS

Catalog Number	Est. Weight (lbs.)	Length (in.)	Width (in.)	Height (in.)
FVS	23 (10kg)	17 (432mm)	16.5 (419mm)	14 (356mm)

Approved By: _____ Project Name: _____

Location: _____ Date: _____

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