

FVL SERIES LED AREA

SPECIFICATIONS

HOUSING - Square, die-formed aluminum. Fully enclosed weather-tight housing contains factory prewired drivers and field connections.

TOP-ACCESS COVER - Gasketed, tethered top-access cover provides ease of installation and allows for easy driver access. Four captive stainless-steel fasteners secure the topaccess cover to the housing.

OPTICAL UNIT - Clear tempered optical grade flat glass lens sealed to aluminum housing creates an IP67 rated, sealed optical unit (includes pressure stabilizing breather). Optical unit can be easily field rotated in 90o increments. Directional arrow on optics allows alignment without the unit being energized.

LEDS - Select high-brightness LEDs in Cool White (5000K) or Neutral White (4000K) color temperature, 70 CRI.

EXPECTED LIFE - Minimum 60,000 hours to 100,000 hours depending upon the ambient temperature of the installation location.

DISTRIBUTION/PERFORMANCE - Types 3, 5, FT and FTA available - field rotatable reflectors.

MOUNTING - 2-1/2" x 5-3/8" x 12" extruded aluminum arm mounting bracket shipped standard. Use with 5" traditional drilling pattern. Round Pole Plate (RPP2) required for mounting to 3"- 5" round poles. (See Accessory Ordering Information chart.)

OPERATING TEMPERATURE - -40°C to +50°C (-40°F to +122°F).

FINISH - Fixtures are finished with WLS DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling.

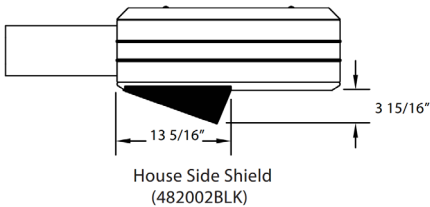
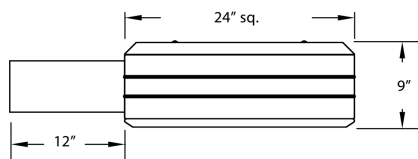
WARRANTY - WLS LED fixtures carry a limited 5-year warranty.

SHIPPING WEIGHT (IN CARTON) - Fixture - 44.5 lbs (20 kg) Arm - 5 lbs. (2kg)

LISTING - UL listed to U.S. and Canadian safety standards. Suitable for wet locations. For a list of the specific products in this series that are DLC listed, please consult the LED Lighting section of our website or the Design Lights website at www.designlights.org.



DIMENSIONS



LIGHT OUTPUT - FVL						
		Lumens (Nominal)				Watts (Nominal)
		Type 3	Type 5	Type FT	Type FTA	
Cool White	LW	1480	13840	15020	16560	140
	SS	20180	18040	20700	23030	187
	HO	26750	25460	29070	31810	300
Neutral White	LW	11450	11290	12220	13470	136
	SS	16390	15170	17230	18750	188
	HO	22240	20550	23510	25410	288

LED Chips are frequently updated therefore values may increase.



Made in the U.S.A. of the U.S. and imported parts. Meets Buy American requirements for ARRA.



Project Name: _____

Date: _____

Location: _____

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ORDERING INFORMATION SELECT APPROPRIATE CHOICE FROM EACH COLUMN TO FORMULATE ORDER CODE.

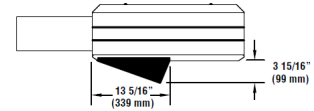
Refer to example below.

SERIES	DISTRIBUTION	LIGHT SOURCE	DRIVE CURRENT	COLOR TEMPERATURE	LINE VOLTAGE	LUMINAIRE FINISH	OPTIONS	ACCESSORIES
FVL ¹	FT - Forward Throw FTA - Forward Throw Automotive 3 - Type III 5 - Type V	LED	LW - Low Watt SS - Super Saver HO - High Output	CW - Cool White (5000K) NW - Neutral White (4000K)	UE - Universal Voltage (120-277) 347-480	BLK - Black BRZ - Bronze GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green WHT - White Optional Color Decals 45 - Light Gold 20 - Charcoal Metallic 55 - Black 94 - Blue Metallic 59 - Dark Green 51 - Dark Red 21 - Tomato Red 50 - White 700 - Aztec Silver Metallic	8BK 8" Bracket (S and D180 only) PC Button-Type Photocell TB Terminal Block SF ² Single Fusing DF ² Double Fusing NO No Options	Sensor IMS - Integral Motion Sensor ³ PCI120 - 120V Button-Type Photocell PCI208 - 208V Button-Type Photocell PCI240 - 240V Button-Type Photocell PCI277 - 277V Button-Type Photocell PCI347 - 347V Button-Type Photocell Options 8BK - 8" Bracket (S and D180 only) TB - Terminal Block NA - No Accessories
ORDER:								
WLS-FVL		LED						

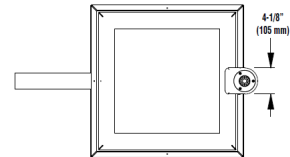
Example: WLS-FVL-5--LED-SS-CW-UE-BRZ-NO-NA

FOOTNOTES:

- 1 Use with 5" traditional drilling pattern.
- 2 Fusing must be located in the hand hole of pole.
- 3 Not compatible with wireless controls system, DIM or BLS option.



House Side Shield (482002BLK)



	8" Bracket	12" Bracket
Single	2.3	2.4
D180	4.7	4.8
D90	12" Bracket Required	4.7
T90		7.2
TN120		7.3
Q90		8.8

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

WLS LIGHTING SYSTEMS

1919 Windsor Place
Fort Worth, TX 76110
800.622.8711

www.wslighting.com

Project Name: _____

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01 REV. 01/19

Specifications subject to change without notice.

FVL SERIES LED AREA

FVL - Type 3

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	26,754	300	89	B3-U0-G3
	CW-HSS	17,316	288	60	B2-U0-G2
	NW	22,240	289	77	B3-U0-G2
	NW-HSS	13,941	288	48	B2-U0-G4
LW	CW	14,082	140	100	B2-U0-G2
	CW-HSS	9205	137	67	B1-U0-G2
	NW	11,451	137	84	B2-U0-G2
	NW-HSS	7513	136	55	B1-U0-G2
SS	CW	20,181	187	108	B3-U0-G2
	CW-HSS	13,034	187	70	B2-U0-G2
	NW	16,394	189	87	B3-U0-G2
	NW-HSS	10,384	189	55	B2-U0-G2

FVL - Type FT

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	29,070	301	97	B2-U0-G4
	CW-HSS	20,964	288	73	B1-U0-G4
	NW	23,512	289	81	B2-U0-G4
	NW-HSS	17,191	289	60	B1-U0-G3
3LW	CW	15,019	141	107	B1-U0-G3
	CW-HSS	11,519	137	84	B1-U0-G3
	NW	12,217	136	90	B1-U0-G3
	NW-HSS	9,365	136	69	B1-U0-G3
SS	CW	20,700	187	111	B2-U0-G3
	CW-HSS	15,273	187	82	B1-U0-G3
	NW	17,230	189	91	B1-U0-G3
	NW-HSS	12,597	189	67	B1-U0-G3

FVL - Type 5

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	25,464	300	85	B4-U0-G2
	NW	20,549	288	71	B4-U0-G2
LW	CW	13,842	140	99	B3-U0-G2
	NW	11,291	136	83	B3-U0-G2
SS	CW	18,044	186	97	B4-U0-G2
	NW	15,173	189	80	B4-U0-G2

* Color Temperature: NW-4000K, CW-5000K

FVL - Type FTA

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	31,808	301	106	B4-U0-G4
	CW-HSS	20,838	288	72	B3-U0-G3
	NW	25,407	289	88	B3-U0-G3
	NW-HSS	16,855	289	58	B3-U0-G3
LW	CW	16,560	140	118	B3-U0-G2
	CW-HSS	11,440	137	84	B2-U0-G2
	NW	13,473	136	99	B3-U0-G2
	NW-HSS	9,277	136	68	B2-U0-G2
SS	CW	23,033	187	123	B3-U0-G3
	CW-HSS	15,213	187	81	B3-U0-G2
	NW	18,752	189	99	B3-U0-G3
	NW-HSS	12,516	189	66	B2-U0-G3



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