

LEDVFXL SELECTABLE FLOOD LIGHT

LED Area Light with Selectable CCT
and Lumen Bronze and WHITE Powder Coated

Introduction

- ◆ The Edsun is the latest genera on Area Light of XSY Light ng, it is highly cost effec ve, offers complete configura ons. The Hand 10 delivers 11000lm to 48000lm lumens, which can replace 250W to 1000W HID luminaires.
- ◆ The whole family includes three different size, Slipfitter mount, square or round pole mount arm and Yoke mount are available.
- ◆ Photocell, mo on sensor and external light control shield are also available. It also supports LLC of HAISEN BLUE and Silvair.

Product Specifications

Construc on

- ◆ The Edsun area light features a rugged die-cast aluminum body that uses heatsink and flow-through ven ng to provide op mal thermal management that both enchances LED performance and extends component life. The light housing is sealed against mousrre and environmental contaminants. 3G vibra on rated compact design minimizes wind load requirements. Low EPA, allowing pole op miza on.

Electrical:

- ◆ Universal voltage AC120-277V/AC120-347V with standard 10KV Surge protector, or High voltage AC277-480V with standard 20KV Surge protector.
- ◆ 0-10V dimmable driver, dimming wire does not lead out from the fixture.
- ◆ Power Factor : ≥ 0.95
- ◆ THD $\leq 20\%$
- ◆ 2ft(24") long power cord provided for easier installa on.

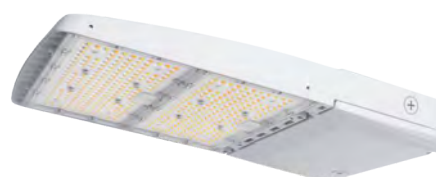
Op cs :

- ◆ Light engines are available in (30/40/50)K selectable (CRI70) configura ons
- ◆ Type III, IV, V distribu ons op onal



80/100/120/150W

Wattage Selectable



240/260/280/310W

Wattage Selectable

3000K 4000K 5000K

CCT SELECTABLE



Finish :

- ◆ Dark bronze is standard, white and other customized color are available.

Ambient Temperature:

- ◆ -40° F (-40° C) to 113° F (45° C)

Lis ng :

- ◆ UL Cer fied to meet U.S. and Canadian standards. Suitable for wet loca ons. Rated for -40°C minimum ambient. DesignLights Consor um® (DLC) Premium qualified product and DLC qualified product.

Warranty :

- ◆ 1-years limited warranty.

Ordering Guide

EXAMPLE: XALH(240/260/280/310)WHV(30/40/50)KT3SFDPS

Brand LEDV	Product name FXL	Wattage ¹ XXX	Input Voltage ² AA	CCT ³ XXK	Dist.Type Y	Mount Y	Finish Y	Photocontrol Y	Sensor Y
LEDV	FXL	150 (80/100/120/150)W 310 (240/260/280/310)W	UNV=120-277V 480=277-480V	30K=3000K 40K=4000K 50K=5000K (30/40/50)K= 3000/4000/5000K	T3=Type III	SF=Slipfitter Mount TR=Trunnion Mount	D=Dark Bronze W=White SG=Silver Grey	Blank=without Photocell P=with Photocell	S=with Motion Sensor Blank=without Motion Sensor

Note: 1. (80/100/120/150)W=150W, 120W, 100W, 80W Selectable, 150W default setting. (240/260/280/310)W=310W, 280W, 260W, 240W Selectable, 310W default setting.

2. The Input Voltage AC120-277V and AC277-480V is for US Market,

3. (30/40/50)K=3000K, 4000K, 5000K Selectable, 5000K default setting.

Specification

Wattage & CCT Selectable

Lumen values are based on 120V AC input product configuration, contact for performance data on any configurations not shown here.

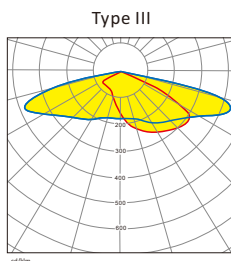
Size	Watts	Distribution Type	5000K, CRI70					4000K, CRI70					3000K, CRI70				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
LEDVFXL150UNV-WH (80/100/120/150)W Selectable	80W	T3	12,800	3	0	3	160	14,450	3	0	3	181	12,300	3	0	3	154
	100W		15,850	3	0	3	159	17,850	3	0	3	179	15,250	3	0	3	153
	120W		18,600	3	0	3	155	20,950	3	0	3	175	17,850	3	0	3	149
	150W		22,650	3	0	3	151	25,500	3	0	3	170	21,800	3	0	3	145
	80W	T4	12,800	3	0	3	160	14,450	3	0	3	181	12,300	3	0	3	154
	100W		15,850	3	0	3	159	17,850	3	0	3	179	15,250	3	0	3	153
	120W		18,600	3	0	3	155	20,950	3	0	3	175	17,850	3	0	3	149
	150W		22,650	3	0	3	151	25,500	3	0	3	170	21,800	3	0	3	145
	80W	T5	12,800	4	0	2	160	14,450	4	0	2	181	12,300	4	0	2	154
	100W		15,850	4	0	2	159	17,850	4	0	2	179	15,250	4	0	2	153
	120W		18,600	4	0	2	155	20,950	4	0	2	175	17,850	4	0	2	149
	150W		22,650	4	0	2	151	25,500	4	0	2	170	21,800	4	0	2	145
LEDVFXL310UNV-WH (240/260/280/310)W Selectable	240W	T3	37,950	4	0	4	159	42,750	4	0	4	179	36,900	4	0	4	154
	260W		39,950	4	0	4	154	45,000	4	0	4	173	38,850	4	0	4	150
	280W		42,600	4	0	4	153	48,000	4	0	4	172	41,450	4	0	4	148
	310W		46,250	4	0	4	150	52,100	4	0	4	168	45,000	4	0	4	145
	240W	T4	37,950	5	0	4	159	42,750	5	0	4	179	36,900	5	0	4	154
	260W		39,950	5	0	4	154	45,000	5	0	4	173	38,850	5	0	4	150
	280W		42,600	5	0	4	153	48,000	5	0	4	172	41,450	5	0	4	148
	310W		46,250	5	0	4	150	52,100	5	0	4	168	45,000	5	0	4	145
	240W	T5	37,950	5	0	3	159	42,750	5	0	3	179	36,900	5	0	3	154
	260W		39,950	5	0	3	154	45,000	5	0	3	173	38,850	5	0	3	150
	280W		42,600	5	0	3	153	48,000	5	0	3	172	41,450	5	0	3	148
	310W		46,250	5	0	3	150	52,100	5	0	3	168	45,000	5	0	3	145

Wattage Selectable & Single CCT

Lumen values are based on 120V AC input product configuration, contact for performance data on any configurations not shown here.

Size	Watts	Distribution Type	5000K, CRI70					4000K, CRI70					3000K, CRI70				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
Size 1 (80/100/120/150)W Selectable	80W	T3	12750	3	0	3	159	12600	3	0	3	157	12300	3	0	3	154
	100W		15800	3	0	3	158	15550	3	0	3	156	15250	3	0	3	153
	120W		18500	3	0	3	154	18250	3	0	3	152	17850	3	0	3	149
	150W		22500	3	0	3	150	22200	3	0	3	148	21750	3	0	3	145
	80W	T4	12750	3	0	3	159	12600	3	0	3	157	12300	3	0	3	154
	100W		15800	3	0	3	158	15540	3	0	3	156	15250	3	0	3	153
	120W		18500	3	0	3	154	18250	3	0	3	152	17850	3	0	3	149
	150W		22500	3	0	3	150	22200	3	0	3	148	21750	3	0	3	145
	80W	T5	12750	4	0	2	159	12600	4	0	1	157	12300	4	0	2	154
	100W		15800	4	0	2	158	15540	4	0	1	156	15250	4	0	2	153
	120W		18500	4	0	2	154	18250	4	0	1	152	17850	4	0	2	149
	150W		22500	4	0	2	150	22200	4	0	1	148	21750	4	0	2	145
Size 3 (240/260/280/310)W Selectable	240W	T3	36000	5	0	2	150	35520	5	0	2	148	34800	5	0	2	145
	260W		38200	4	0	4	159	37700	4	0	4	157	36900	4	0	4	154
	280W		40200	4	0	4	155	39650	4	0	4	153	38850	4	0	4	150
	310W		42850	4	0	4	153	42300	4	0	4	151	41450	4	0	4	148
	240W	T4	46500	4	0	4	150	45880	4	0	4	148	44950	4	0	4	145
	260W		38200	4	0	4	159	37700	4	0	4	157	36900	4	0	4	154
	280W		40200	4	0	4	155	39650	4	0	4	153	38850	4	0	4	150
	310W		42850	4	0	4	153	42300	4	0	4	151	41450	4	0	4	148
	240W	T5	46500	4	0	4	150	45880	4	0	4	148	44950	4	0	4	145
	260W		38200	5	0	2	159	37700	5	0	2	157	36900	5	0	2	154
	280W		40200	5	0	2	155	39650	5	0	2	153	38850	5	0	2	150
	310W		42850	5	0	2	153	42300	5	0	2	151	41450	5	0	2	148

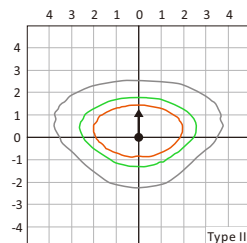
Photometric Diagrams



Isofootcandle plots for the 150W-5000K. Distances are in units of mounting height(30')

LEGEND

- 0.1 fc
- 0.5 fc
- 1.0 fc



EPA (Square and round pole arm)

*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data

Mounting Type	Tilt	EPA(ft²)								
		Single	2@90	2@180	3@90	3@120	4@90	2 Side by Side	3 Side by Side	4 Side by Side
										
Size 1	0°	0.23	0.41	0.42	0.60	0.54	0.80	0.46	0.69	0.91
	10°	0.18	0.35	0.35	0.53	0.46	0.69	0.35	0.53	0.71
	20°	0.17	0.34	0.34	0.51	0.44	0.67	0.34	0.52	0.69
	30°	0.21	0.37	0.39	0.54	0.48	0.74	0.42	0.64	0.85
	40°	0.27	0.40	0.45	0.58	0.55	0.80	0.54	0.81	1.08
	45°	0.30	0.42	0.50	0.60	0.58	0.83	0.61	0.91	1.21
	50°	0.45	0.61	0.72	0.87	0.85	1.21	0.89	1.34	1.79
	60°	0.73	0.99	1.19	1.41	1.39	1.96	1.47	2.20	2.94
	70°	0.95	1.38	1.57	1.96	1.90	2.74	1.90	2.86	3.81
	80°	1.13	1.71	1.89	2.45	2.36	3.40	2.26	3.40	4.53
	90°	1.28	1.99	2.18	2.86	2.77	3.96	2.57	3.85	5.14
Size 3	0°	0.35	0.62	0.64	0.91	0.82	1.21	0.69	1.04	1.39
	10°	0.27	0.54	0.53	0.80	0.69	1.06	0.54	0.81	1.08
	20°	0.26	0.52	0.52	0.77	0.67	1.02	0.52	0.79	1.05
	30°	0.32	0.56	0.60	0.83	0.74	1.12	0.64	0.97	1.29
	40°	0.41	0.61	0.68	0.88	0.84	1.21	0.82	1.23	1.64
	45°	0.46	0.63	0.76	0.92	0.89	1.26	0.92	1.38	1.85
	50°	0.68	0.93	1.10	1.32	1.30	1.84	1.36	2.04	2.72
	60°	1.12	1.51	1.81	2.15	2.12	2.99	2.24	3.35	4.47
	70°	1.45	2.09	2.38	2.99	2.90	4.16	2.90	4.35	5.79
	80°	1.72	2.60	2.88	3.72	3.60	5.18	3.44	5.17	6.89
	90°	1.95	3.02	3.32	4.35	4.22	6.03	3.91	5.86	7.82

Power Selection And CCT Selection Capability



CCT Select Technology

Adjust CCT between 3000/4000/5000K, 5000K default setting.

Power Select Technology

Size	Power Selection	Default Setting
Size 1	Adjust power between 80/100/120/150W	150W
Size 3	Adjust power between 240/260/280/310W	310W

Accessories

Control Options

Call to confirm availability

	XSCKit01 • VFXL-SC Shorting Cap Kit (with receptacle)		XPCKit-UNV27V • VFXL-TLC-UNV Black Twist-lock Photocell Kit (with receptacle) for XALH, at AC120-277V
			XPCKit-HV48V Twist-lock Photocell Kit (with receptacle) for XALH, at AC277-480V
	HDO9VR-PH • VFXL-MS Screw-in PIR Sensor		

Glare Control Shield

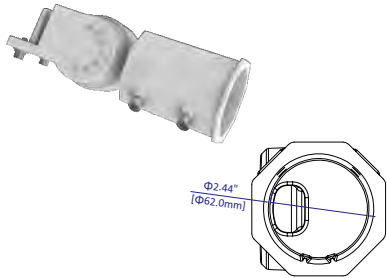
Field-Installable / Field-Use ONLY (purchased separately)

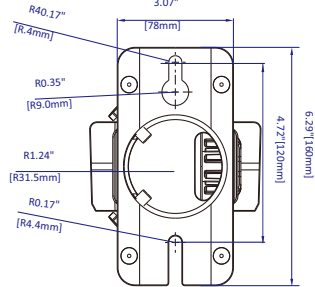
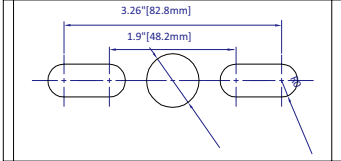
	VFXL150W-HGS-D-A External Half Glare shield for XALH150W		
			VFXL310W-HGS-D-A External Half Glare shield for ALH310W
	VFXL150-FGS-D-A External 360° Full Visor for ALH150W		
			VFXL310W-FGS-D-A External 360° Full Visor for ALH310W

Mounting Information

Mounts and Brackets

May come with separate box with fixture.

			VFXL-SF-WH Slipfitter Mount for XALH, Dark Bronze (Black, White, Grey and other customized color are available.)
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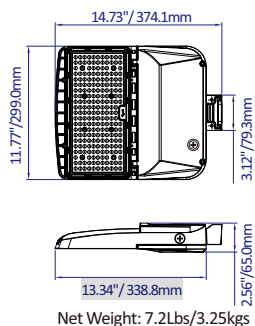
			LEDVFXL-TR-WH Trunion Mount for VFXL, Dark Bronze (White).
	LEDVFXL-SFUNV-WH Universal Bracket Mount for VFXL, Dark Bronze (White,)		

Electrical Data

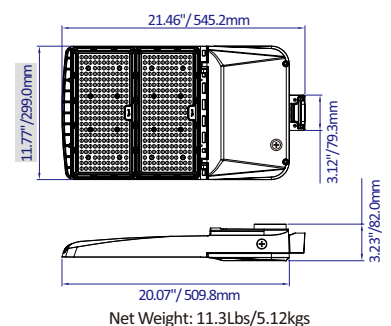
Model Series	Wattage(W)	Current (A)					
		Input Voltage (V)					
		120	208	240	277		480
LEDVFXL150UNVWH (80/100/120/150)W	80	0.74	0.43	0.37	0.32		0.19
	100	0.93	0.53	0.46	0.40		0.23
	120	1.11	0.64	0.56	0.48		0.28
	150	1.39	0.80	0.69	0.60		0.35
LEDVFXL310UNVWH (240/260/280/310)W	240	2.22	1.28	1.11	0.96	0.77	0.56
	260	2.41	1.39	1.20	1.04	0.83	0.60
	280	2.59	1.50	1.30	1.12	0.90	0.65
	310	2.87	1.66	1.44	1.24	0.99	0.72

Dimensions& Weight

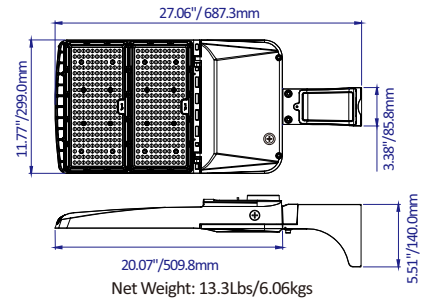
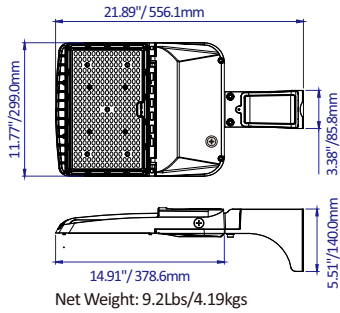
80W / 100W / 120W / 150W
Without Mounting Bracket



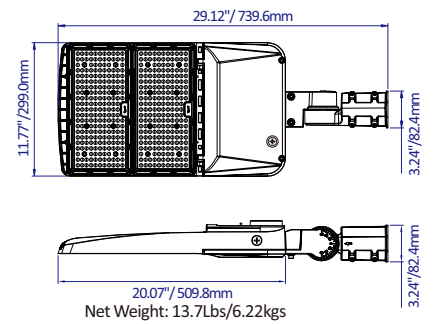
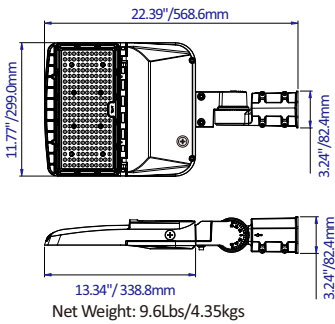
240W / 260W / 280W / 310W



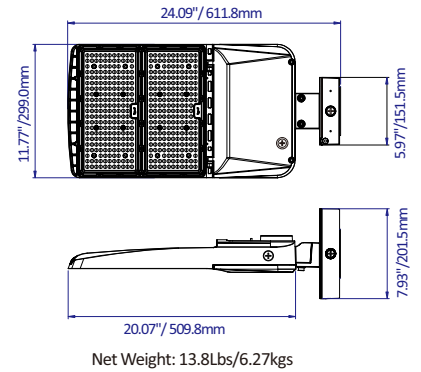
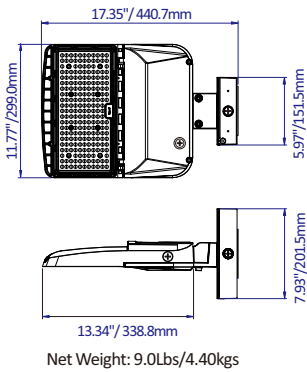
Square & Round Pole Mount



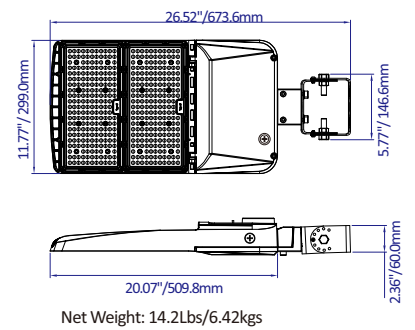
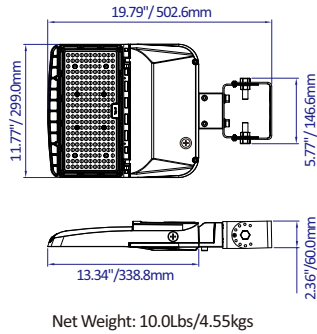
Slip Fitter Mount



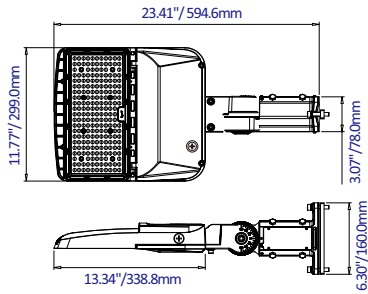
Wall Mount



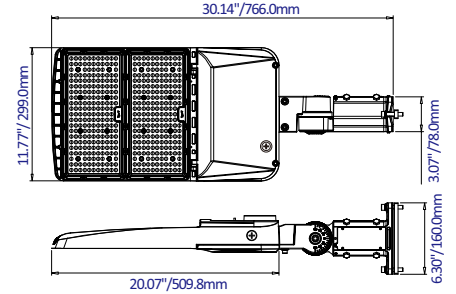
Trunnion Mount



Universal bracket

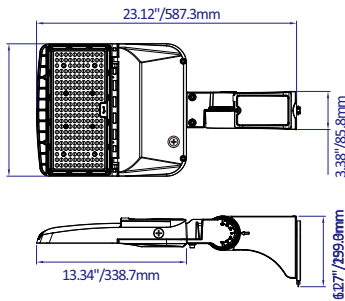


Net Weight: 10.6Lbs/4.80kgs

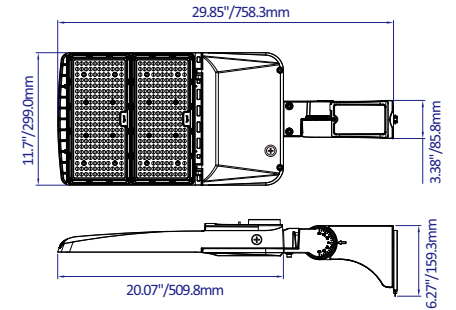


Net Weight: 14.7Lbs/6.67kgs

Adjustable Square & Round Pole Mount



Net Weight: 10.5Lbs/4.74kgs



Net Weight: 14.5Lbs/6.59kgs

Shipping Information

Model	Individual box size (in)	Individual box weight (lbs)	Per carton (pcs)	20GP (boxes)	40HQ (boxes)
LEDVFXL(80/100/120/ 150)W	15.59 x 13.07 x 5.24	7.91	1	1487	2745
	17.17 x 13.07 x 5.24	10.12	1	1351	2493
LEDVFXL(240/260/280/ 310)W	22.32 x 13.07 x 5.71	13.01	1	953	1759
ALHSQMD02 (Square & Round Pole Mount)	23.6 x 8.7 x 7.7	17.59	8	1010	1865
ALHSPMD01 (Slipfitter Mount)	14.8 x 9.8 x 7.9	20.35	8	1387	2560
ALHWMD01 (Wallmount)	17.3 x 13.2 x 8.9	21.75	8	784	1447
ALHTRMD01 (Trunnion Mount)	12.8 x 11.6 x 7.5	24.21	8	1427	2635
ALHUVMD01 (Universal Bracket Mount)	14.4 x 14.0 x 9.3	28.68	8	854	1576
ALHAAMD02 (Adjustable Square & Round Pole Mount)	20.5 x 15.6 x 6.7	28.70	8	745	1375

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