

Select-A-Watt

Switchable 80W / 100W / 120W / 150W



Introduction:

- The 623 Series Selectable Area LED Light the is latest generation Area Light of DVDLights, it is highly cost effective, offers complete configurations.
- The 623 Series Selectable Area LED Light 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, motion sensor and external light control shield are also available.

Product Features:

- The 623 Series Selectable Area LED Light features a rugged die-cast aluminum body that uses a heatsink and flow-through venting to provide optimal thermal management, enhancing LED performance and extending component life.
- The light housing is sealed against moisture and environmental contaminants.
- 3G vibration rated compact design minimizes wind load requirements.
- Low EPA, allowing pole optimization.

Electrical:

- Universal 120-277VAC input voltage
- Standard with 1-10V dimmable
- Power Factor : ≥ 0.95
- THD $\leq 20\%$
- 10KV Surge Protector go standard
- Light engines are available in 3000K, 4000K, 5000K or 5700K (70 CRI) configurations



Optics:

- Type III,IV,V distributions optional

Ambient Temperature:

- -40° F (-40° C) to 113° F (45° C)

Finishing:

- Dark bronze

Listing:

- UL Cerfied to meet U.S. and Canadian standards.
- Suitable for wet locations.
- Rated for -40°C minimum ® ambient.
- DesignLights Consorun (DLC) Premium qualified product and DLC qualified product.

Accessories

Glare Shield



External Half Glare Shield



External 360 Full Visor

Control Options



Photocell
120-277V/120-347V/208-480V



Shorting Cap




PIR Motion Sensor
12V




Surge Protection Device
120-277V/347-480V
The SPD is included as standard for wattage from 150W and higher

Accessories


Square & Round Pole Mount




Adjustable Square & Round Pole Mount



Slip Fitter Mount

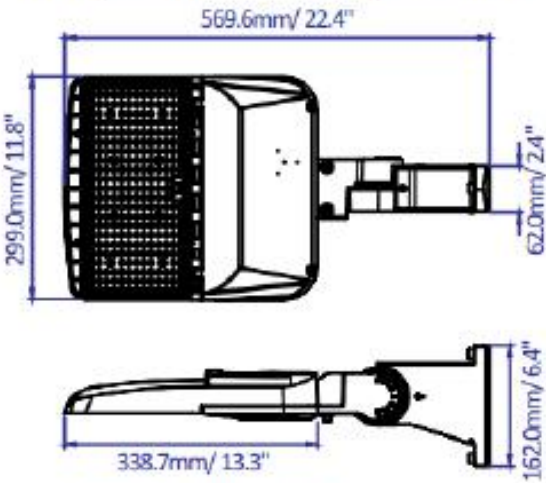


Trunnion Mount

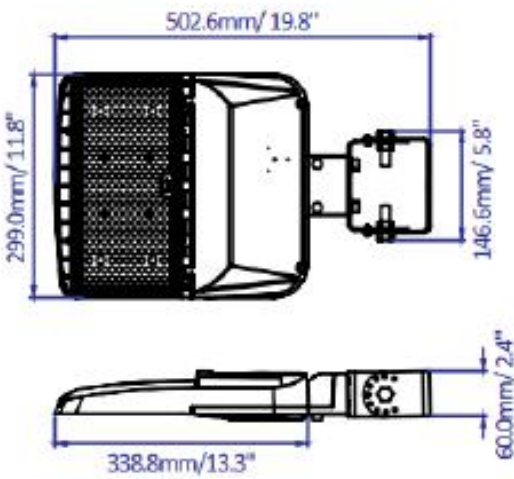


Dimensions & Weight

80W/ 100W120W/ 150W












Net Weight: 4.4kgs/9.7Lbs



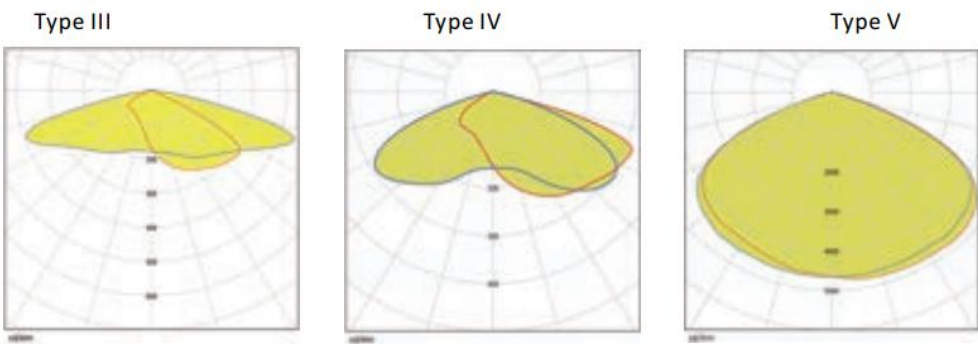
Net Weight: 4.4kgs/9.7Lbs

EPA (Square and Round Pole Arms)

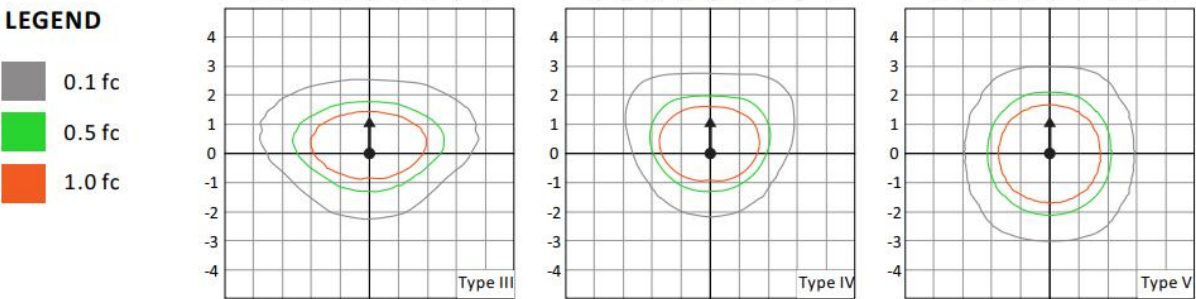
Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data

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
										
80W 100W 150W	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

Photometric Diagrams



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



Specification

System Watts	Voltage	Distribution Type	4000K/5000K/5700K, 70CRI					3000K, 70CRI				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
80W	120-277V	T3	12,240	3	0	3	153	11,077	3	0	3	138
		T4	12,080	3	0	2	151	10,932	3	0	2	137
		T5	12,400	3	0	1	155	11,222	3	0	1	140
	120-347V	T3	12,400	3	0	3	155	11,222	3	0	3	140
		T4	12,240	3	0	2	153	11,077	3	0	2	138
		T5	12,560	3	0	1	157	11,367	3	0	1	142
	277-480V	T3	12,240	3	0	3	153	11,077	3	0	3	138
		T4	12,080	3	0	2	151	10,932	3	0	2	137
		T5	12,400	3	0	1	155	11,222	3	0	1	140
100W	120-277V	T3	15,300	3	0	3	153	13,847	3	0	3	138
		T4	15,100	3	0	2	151	13,666	3	0	2	137
		T5	15,500	3	0	1	155	14,028	3	0	1	140
	120-347V	T3	15,500	3	0	3	155	14,028	3	0	3	140
		T4	15,300	3	0	2	153	13,847	3	0	2	138
		T5	15,700	3	0	1	157	14,209	3	0	1	142
	277-480V	T3	15,300	3	0	3	153	13,847	3	0	3	138
		T4	15,100	3	0	2	151	13,666	3	0	2	137
		T5	15,500	3	0	1	155	14,028	3	0	1	140