

<b>Project:</b>	
<b>Type:</b>	
<b>Catalog#:</b>	



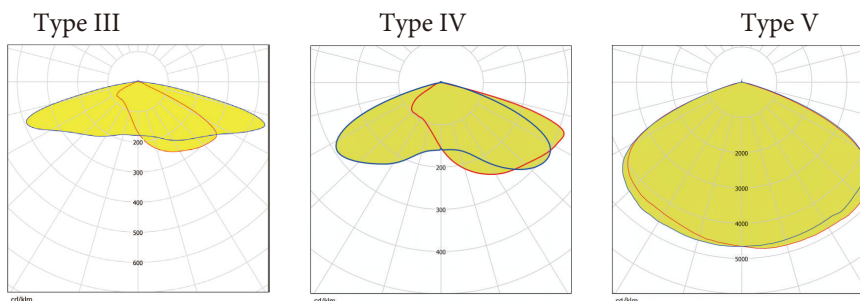
### Introduction

- The JXY is the latest generation Area Light of FME Lighting, it is highly cost effective, with complete configurations in stock. The JXY delivers 11,000lm to 48000lm lumens, which can replace 250W to 1000W HID luminaires.
- The JXY family includes three different sizes, depending on wattage. Mounting options include slipfitter mount, square or round pole mount, and yoke mounts.
- Other options include: photocells, motion sensors, and glare shields.

### Features

- **Optics:** Type III, IV, V distribution available
- **Housing:** Die-cast aluminum - 3G Vibration Rated
- **Finish:** Dark bronze is standard. Options include Black, White, and Grey.
- **Ambient Temperature:** -40° F (-40° C) to 113° F (45° C)
- **Listing :** UL Certified to meet U.S. and Canadian standards. Suitable for wet locations. DesignLights Consortium® (DLC) Premium qualified product.
- **Warranty :** 5-years limited warranty.

### Photometric



### Control Options



### Electrical:

- **Voltage:** Universal 120-277VAC. Optional - 277-480VAC input voltage
- **Driver:** Standard with 1-10V dimmable
- **Power Factor:**  $\geq 0.95$
- **CRI:**  $> 70$
- **THD:**  $\leq 20\%$
- **Surge Suppression:** 10KV Surge Protection (Standard)
- **Color Temperature:** 3000K, 4000K, 5000K or 5700K

### Ordering Information

Fixture Type	Wattage	Voltage	CCT	Control / Accessory Options	Finish	Mounting
JXY Area Light Series	8 80W	LV 120-277V HV 277-480V	C3 3000K	BRI Bi-Level Microwave Sensor	DB Dark Bronze	SF Slip Fitter
	10 100W		C4 4000K	3120 3-Pin 120-277V Photocell	BLK Black	SRM Square / Round Pole Mount
	15 150W		C5 5000K	3480 3-Pin 480V Photocell	WHT White	ASRM Adjustable Square / Round Pole Mount
	20 200W		HGS Half Glare Shield	SG Silver Gray	TR Trunion	
	24 240W		SHK Full Glare Shield	CC Custom Color	UB Universal Bracket	
	31 310W				WM Wall Mount	
	8015 (80/100/120/150)W					
	1724 (170/200/220/240)W					
	2431 (240/260/280/310)W					

1. Please visit the following link for steel and aluminum pole ordering information. <https://www.fmelighting.com/ProductListing.php?subCat=42&theCat=LED%20Outdoor>

### Mounting Accessoires and Adapters

Order Separately

<b>4SQ-SP-D</b>	4" Square Pole Mount with 2-3/8" O.D. Tenon
<b>5SQ-SP-D</b>	5" Square Pole Mount with 2-3/8" O.D. Tenon
<b>SQA-ALDA</b>	Pole Bracket Accessories –Angle-Adjustment Adapter
<b>4SQR-SP-D</b>	4" Round Pole Mount with 2-3/8" O.D. Tenon
<b>5SQR-SP-D</b>	5" Round Pole Mount with 2-3/8" O.D. Tenon
<b>SP-TR-D</b>	Pole Bracket accessories-Tenon & Yoke Adapter
<b>WM-SP-D</b>	90° Wall Mount Bracket with 2-3/8" O.D. Tenon
<b>SQ-SP-D</b>	2-3/8" OD Horizontal Tenon Mid-Pole Bracket
<b>R60-SP2-90-D</b>	Double 90° Horizontal Tenon Adapter
<b>R60-SP2-180-D</b>	Double 180° Horizontal Tenon Adapter
<b>R60-SP3-90-D</b>	Triple 90°Horizontal Tenon Adapter
<b>R60-SP3-120-D</b>	Triple 120° Horizontal Tenon Adapter
<b>R60-SP4-90-D</b>	Quad 90° Horizontal Tenon Adapter

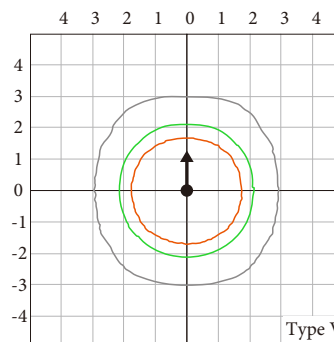
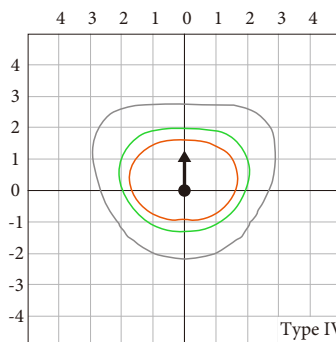
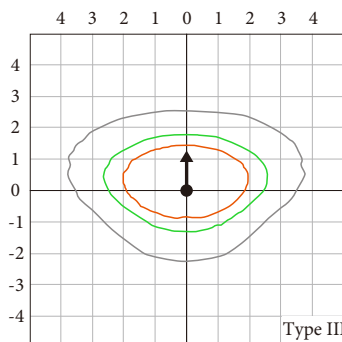
Photometry	
T3	Type III
T4	Type IV
T5	Type V

System Wattage	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
150W	120-277V	T3	22,650	3	0	3	151	20,498	3	0	3	137
		T4	22,350	3	0	3	149	20,227	3	0	3	135
		T5	22,950	4	0	2	153	20,770	4	0	2	138
	120-347V	T3	22,950	3	0	3	153	20,770	3	0	3	138
		T4	22,650	3	0	3	151	20,498	3	0	3	137
		T5	23,250	4	0	2	155	21,041	4	0	2	140
	277-480V	T3	22,650	3	0	3	151	20,498	3	0	3	137
		T4	22,350	3	0	3	149	20,227	3	0	3	135
		T5	22,950	4	0	2	153	20,770	4	0	2	138
200W	120-277V	T3	30,400	4	0	4	152	27,512	4	0	4	138
		T4	30,000	4	0	3	150	27,150	4	0	3	136
		T5	30,800	5	0	2	154	27,874	5	0	2	139
	120-347V	T3	30,800	4	0	4	154	27,874	4	0	4	139
		T4	30,400	4	0	3	152	27,512	4	0	3	138
		T5	31,200	5	0	2	156	28,236	5	0	2	141
	277-480V	T3	30,400	4	0	4	152	27,512	4	0	4	138
		T4	30,000	4	0	3	150	27,150	4	0	3	136
		T5	30,800	5	0	2	154	27,874	5	0	2	139
240W	120-277V	T3	36,240	4	0	4	151	32,797	4	0	4	137
		T4	35,760	4	0	3	149	32,363	4	0	3	135
		T5	36,720	5	0	2	153	33,232	5	0	2	138
	120-347V	T3	36,720	4	0	4	153	33,232	4	0	4	138
		T4	36,240	4	0	3	151	32,797	4	0	3	137
		T5	37,200	5	0	2	155	33,666	5	0	2	140
	277-480V	T3	36,240	4	0	4	151	32,797	4	0	4	137
		T4	35,760	4	0	3	149	32,363	4	0	3	135
		T5	36,720	5	0	2	153	33,232	5	0	2	138
310W	120-277V	T3	46,810	4	0	4	151	42,363	4	0	4	137
		T4	46,190	4	0	3	149	41,802	4	0	3	135
		T5	47,430	5	0	2	153	42,924	5	0	2	138
	120-347V	T3	47,430	4	0	4	153	42,924	4	0	4	138
		T4	46,810	4	0	3	151	42,363	4	0	3	137
		T5	48,050	5	0	2	155	43,485	5	0	2	140
	277-480V	T3	46,810	4	0	4	151	42,363	4	0	4	137
		T4	46,190	4	0	3	149	41,802	4	0	3	135
		T5	47,430	5	0	2	153	42,924	5	0	2	138

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

### LEGEND

- 0.1 fc
- 0.5 fc
- 1.0 fc

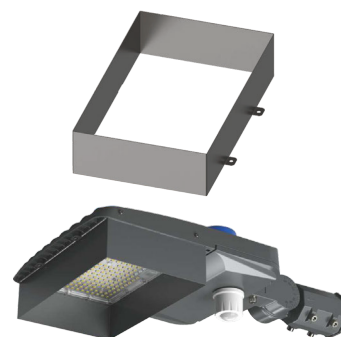


## Accessories

### Glare Shield



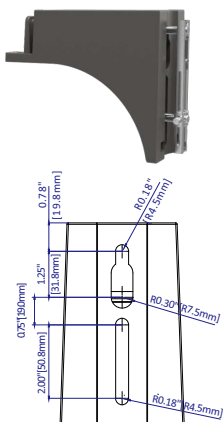
External Half Glare Shield



External 360 Full Visor

## Mounting Information

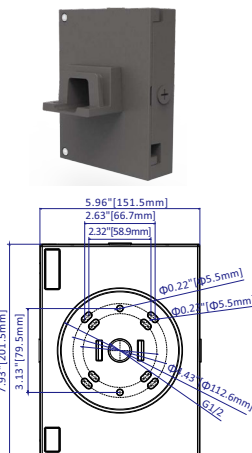
### Square & Round Pole Mount



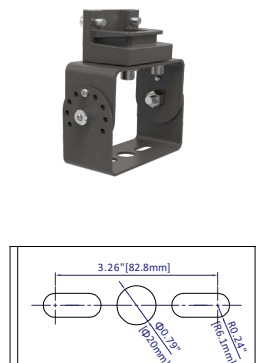
### Slip Fitter Mount



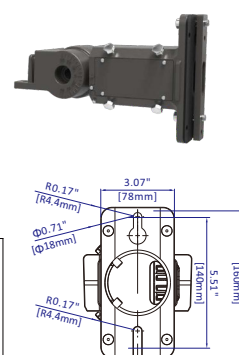
### Wall Mount



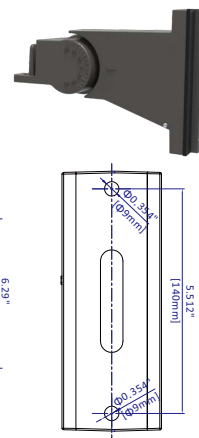
### Trunnion Mount












### Universal bracket



### Adjustable Square & Round Pole Mount

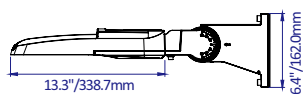
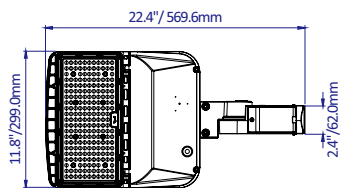


### EPA (Square and round pole arm)

Mounting Type	Tilt	EPA(ft <sup>2</sup> )								
		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
200W 240W	0°	0.25	0.44	0.46	0.65	0.58	0.87	0.50	0.75	0.99
	10°	0.19	0.38	0.38	0.57	0.50	0.75	0.38	0.58	0.77
	20°	0.19	0.37	0.37	0.55	0.48	0.73	0.37	0.56	0.75
	30°	0.23	0.40	0.43	0.59	0.53	0.80	0.46	0.69	0.92
	40°	0.29	0.44	0.49	0.63	0.60	0.87	0.59	0.88	1.17
	45°	0.33	0.45	0.54	0.66	0.63	0.90	0.66	0.99	1.32
	50°	0.49	0.66	0.79	0.95	0.93	1.31	0.97	1.46	1.94
	60°	0.80	1.08	1.29	1.54	1.51	2.13	1.60	2.39	3.20
	70°	1.04	1.50	1.70	2.13	2.07	2.97	2.07	3.11	4.14
310W	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	

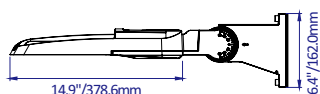
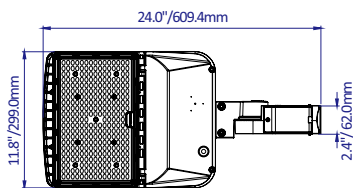
### Dimensions & Weight

#### 80W / 100W / 120W / 150W



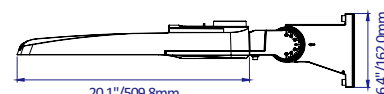
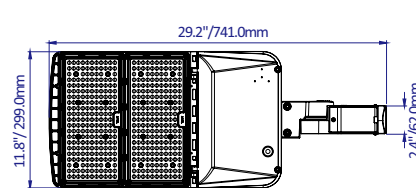
Net Weight: 9.7Lbs/4.4kgs

#### 170W / 200W / 220W / 240W

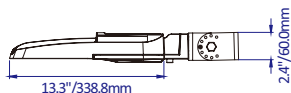
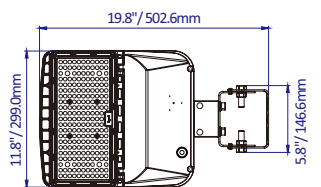


Net Weight: 10.4Lbs/4.7kgs

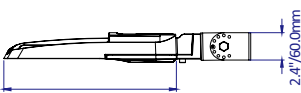
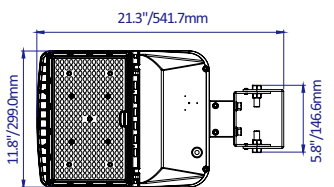
#### 240W / 260W / 280W / 310W



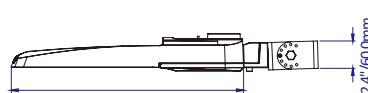
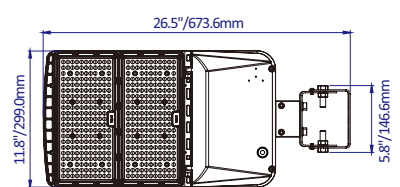
Net Weight: 13.2Lbs/6kgs



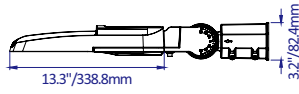
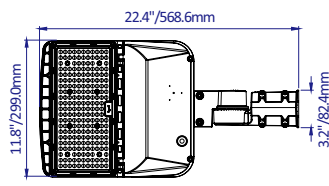
Net Weight: 9.7Lbs/4.4kgs



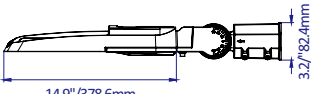
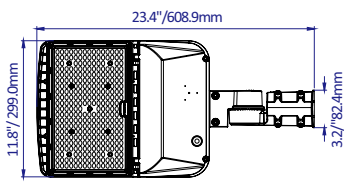
Net Weight: 10.4Lbs/4.7kgs



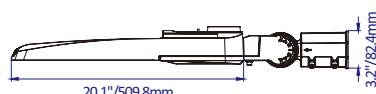
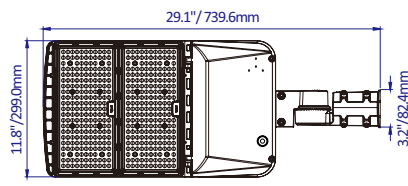
Net Weight: 13.2Lbs/6kgs



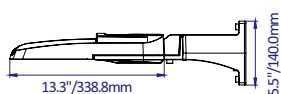
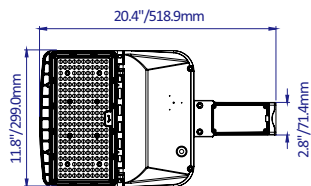
Net Weight: 10.1Lbs/4.6kgs



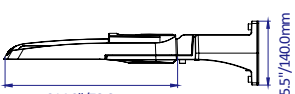
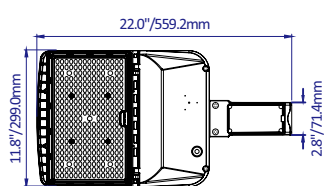
Net Weight: 10.8Lbs/4.9kgs



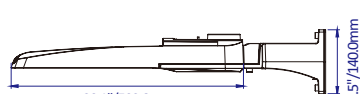
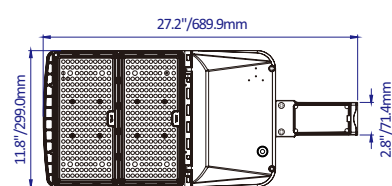
Net Weight: 13.7Lbs/6.2kgs



Net Weight: 11.0Lbs/5kgs



Net Weight: 11.7Lbs/5.3kgs



Net Weight: 14.6Lbs/6.6kgs