



SPPM-X

LED Tennis and Pickleball Light with Selectable Lumen

Introduction

- ◆ The Tennis and Pickleball Light, a cutting - edge lighting solution, is tailor - made for sports venues. Engineered with a strong emphasis on reliability and cost - efficiency, this fixture delivers 40,800lm to 102,000lm, which can replace 500W to 1,200W HID luminaires, enabling users to implement energy-saving lighting setups effortlessly.
- ◆ The whole family includes two different sizes. Specifically, adding an additional module to the 400W fixture enables it to be assembled into a 600W fixture.
- ◆ Photocell and Zhaga motion sensor are also available. The fixture with Bluetooth control sensor is support LLCC of HAISEN BLUE and Silvair.
- ◆ Tennis and Pickleball Light is suitable for diverse scenarios, providing high-quality lighting for community courts, schools, corporate sports venues, and non-professional competition sites.

Product Specifications

Construction:

- ◆ Tennis and Pickleball Light features a rugged die-cast aluminum body that uses heatsink and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. The light housing is sealed against moisture and environmental contaminants. The 3G vibration rated compact design minimizes wind load requirements. With a low EPA, it allows pole optimization.

Electrical:

- ◆ The Input voltage is AC120-277V/AC120-347V/AC277-480V (50/60Hz).
- ◆ All models are designed to withstand up to L/N-PE: 20kV, L-N: 20kV surge.
- ◆ Equipped with a 0-10V dimmable driver. The fixtures do not have dimming wires led out by default; an additional cost will be required for modification to include them.
- ◆ Power Factor ≥ 0.9
- ◆ THD $\leq 20\%$
- ◆ 2ft(24") long power cord provided for easier installation.



Optics:

- ◆ Light engines are available in 3000K, 4000K, 5000K, and CRI70 configurations.
- ◆ Two distributions Tennis Court TYPEIII and Sports Field optional.

Finish:

- ◆ Dark bronze color is standard. Dark green(AL6005), white and black color are available.

Ambient Temperature:

- ◆ -40° F (-40° C) to 122° F (50° C).

Listing:

- ◆ cULus Listed and DLC 5.1 Premium Pending.

Warranty:

- ◆ 10-years limited warranty. Contact Paraflex for complete warranty terms.

Ordering Guide

EXAMPLE: SPPM-X-600WS50KLVTCSEFDCPS

Model SPPM-X	Wattage ¹ XXXWS	CCT XXK	Input Voltage ² AA	Dist.Type HH	Mounting XX	Finish YY	Photocontrol Z	Sensor K
SPPM-X	400WS=400/320/ 240W Selectable 600WS=600/480/ 360W Selectable Note: WS= Wattage Selectable	30K=3000K 40K=4000K 50K=5000K	UV=AC120-277V LV=AC120-347V HV=AC277-480V	TC=Tennis Court TYPEIII SP=Sports Field	SF=Slipfitter Mount PA=Square and Round Pole Mount Arm TR=Trunnion Mount YK=Yoke mount AA=Adjustable Square and Round Pole Mount Arm UB=Universal Bracket WM=Wall Mount	DC=Dark Bronze color GC=Dark Green color BC=Black color WC=White color SC=Silver color OC=Other colors	Blank=without Photocell P=with Photocell	Blank=without Sensor S=Sensor BS=Networking Wireless Control version Sensor

Note: 1. 400WS=400W, 320W, 240W Selectable, 400W default setting. 600WS=600W, 480W, 360W Selectable, 600W default setting.

2. The Input Voltage AC120-277V and AC277-480V is for US Market, AC120-347V is for Canada Market only.



SPPM-X

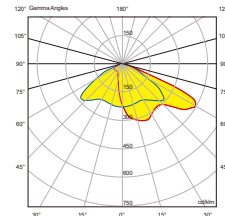
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Performance Data

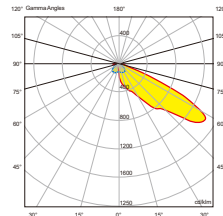
Model	Watts	Lumen@5000K	CCT	Input voltage
SPPM-X-400WSXXXAAHHXXYYZK	400/320/240W	Max.68,000lm	3000K, 4000K, or 5000K	120-277Vac/120-347Vac/ 277-480Vac 50/60Hz
SPPM-X-600WSXXXAAHHXXYYZK	600/480/360W	Max.102,000lm		

Photometric Diagrams

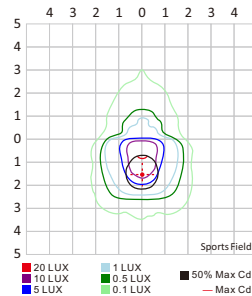
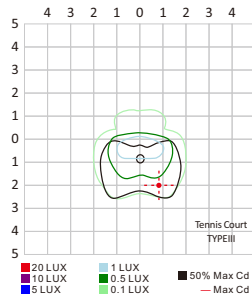
Tennis Court TYPEIII (As standard offer)



Sports Field



Isofootcandle plots for the 400W-5000K. Distances are in units of mounting height(30')



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(ft ²)								
		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°	0.30	0.30	0.94	1.18	1.06	1.53	0.60	0.90	1.20
	10°	0.60	0.60	0.94	1.48	1.33	1.92	1.20	1.80	2.40
	20°	1.11	1.11	1.11	1.99	1.79	2.59	2.22	3.33	4.44
	30°	1.64	1.64	1.64	2.53	2.28	3.29	3.28	4.92	6.56
	40°	1.98	1.98	1.98	2.86	2.57	3.72	3.96	5.94	7.92
	50°	2.40	2.40	2.40	3.28	2.95	4.26	4.80	7.20	9.60
	60°	2.71	2.71	2.71	3.60	3.24	4.68	5.42	8.13	10.84
	70°	2.97	2.97	2.97	3.86	3.47	5.02	5.94	8.91	11.88
	80°	3.12	3.12	3.12	4.00	3.60	5.20	6.24	9.36	12.48
Size 2	0°	0.30	0.30	1.20	1.45	1.31	1.89	0.60	0.90	1.20
	10°	0.86	0.86	1.20	2.01	1.81	2.61	1.72	2.58	3.44
	20°	1.57	1.57	1.57	2.71	2.44	3.52	3.14	4.71	6.28
	30°	2.24	2.24	2.24	3.39	3.05	4.41	4.48	6.72	8.96
	40°	2.72	2.72	2.72	3.87	3.48	5.03	5.44	8.16	10.88
	50°	3.27	3.27	3.27	4.42	3.98	5.75	6.54	9.81	13.08
	60°	3.72	3.72	3.72	4.87	4.38	6.33	7.44	11.16	14.88
	70°	3.94	3.94	3.94	5.10	4.59	6.63	7.88	11.82	15.76
	80°	4.15	4.15	4.15	5.34	4.81	6.94	8.30	12.45	16.60
	90°	4.19	4.19	4.19	5.38	4.84	6.99	8.38	12.57	16.76



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Power Selection Capability



Power Select Technology

Size	Power Selection	Default Setting
Size 1	Adjust power between 400/320/240W	400W
Size 2	Adjust power between 600/480/360W	600W

Accessories

Photocell

Factory-Installable ONLY (purchased separately).

	SPPM-X-SCKit01 Shorting Cap Kit (with receptacle)		SPPM-X-PCKit-UNV27V-207C5HP Blue Twist-lock Photocell Kit (with receptacle) for SPPM-X, at AC120-277V
	SPPM-X-PCKit-UNV34V Twist-lock Photocell Kit (with receptacle) for SPPM-X, at AC120-347V		SPPM-X-PCKit-HV48V Twist-lock Photocell Kit (with receptacle) for SPPM-X, at AC277-480V

Sensor

Factory-Installable OR Field-Installable (purchased separately).

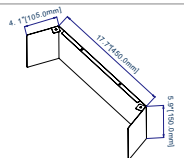
	SPPM-X-ZGZ10SB-BA Zhaga Z10 sensor base for SPPM-X		HSE-SP9H-3 Zhaga motion PIR sensor for SPPM-X
	HSE-BSP9H-3 Zhaga motion PIR sensor for SPPM-X (Networking Wireless Control Version)		

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

	HD06R Remote Control
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Glare Shield

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

 	SPPM-X-HGS-D-A External Half Glare shield for SPPM-X
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Mounting Information

Mounts and Brackets

May come with separate box with fixture (purchased separately).

	SPPM-X-SQMD02 Square & Round Pole Mount for SPPM-X, Dark Bronze, Ver2 (Other customized colors are available.)		SPPM-X-SPMD01 Slipfitter Mount for SPPM-X, Dark Bronze (Other customized colors are available.)
	SPPM-X-WMD01 Wall mount for SPPM-X, Dark Bronze (Other customized colors are available.)		SPPM-X-TRMD01 Trunion Mount for SPPM-X, Dark Bronze (Other customized colors are available.)
	SPPM-X-UVMD01 Universal Bracket Mount for SPPM-X, Dark Bronze (Other customized colors are available.)		SPPM-X-AAMD02 Adjustable Square & Round Pole Mount for SPPM-X, Dark Bronze, Ver2 (Other customized colors are available.)
	SPPM-X-YKMD01 Yoke Mount for SPPM-X, Dark Bronze (Other customized colors are available.)		

Tenon Bracket

May come with separate box with fixture (purchased separately).

	SPPM-X-AP-PM-HT-2-A Horizontal Pole Mount with 2-3/8" O.D. Tenon Bracket, Dark Bronze (This tenon adapter can be install onto the pole for Tennies & Pickleball court, the used for mounting a fixture with an adjustable slip fitter.)
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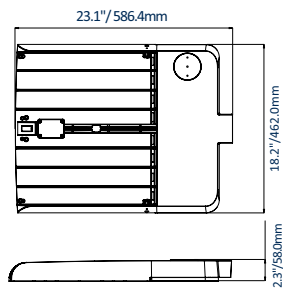
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Electrical Data

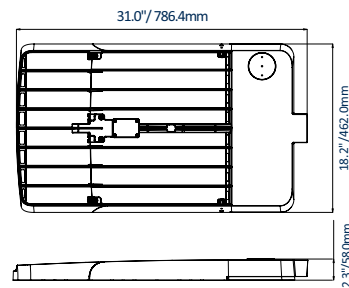
Model Series	Wattage(W)	Current (A)					
		Input Voltage (V)					
		120	208	240	277	347	480
SPPM-X-400WS	240	2.22	1.28	1.11	0.96	0.77	0.56
	320	2.96	1.71	1.48	1.28	1.02	0.74
	400	3.70	2.14	1.85	1.60	1.28	0.93
SPPM-X-600WS	360	3.33	1.92	1.67	1.44	1.15	0.83
	480	4.44	2.56	2.22	1.93	1.54	1.11
	600	5.56	3.21	2.78	2.41	1.92	1.39

Dimensions

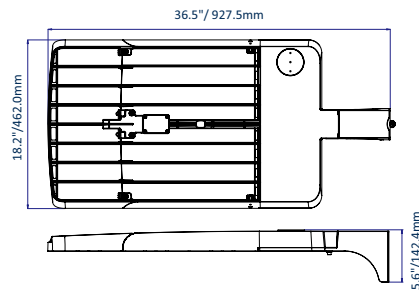
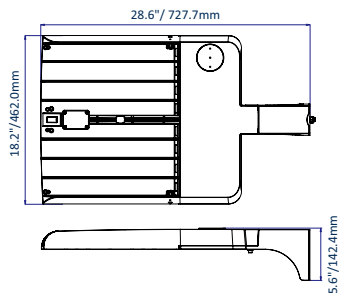
400W / 320W / 240W
Without Mounting Bracket



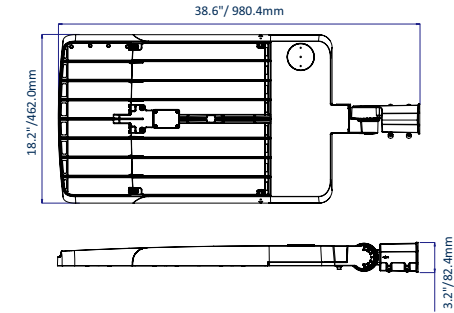
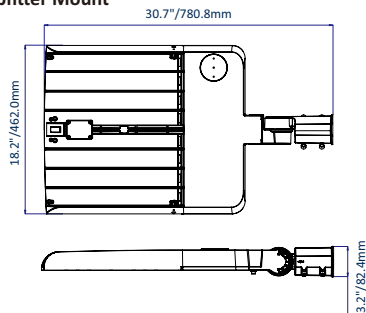
600W / 480W / 360W



Square & Round Pole Mount



Slipfitter Mount

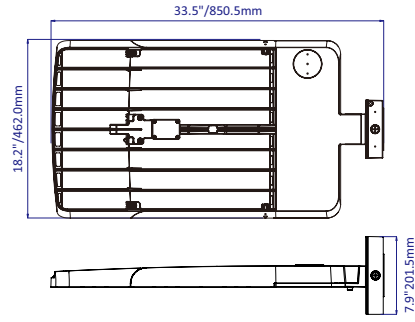
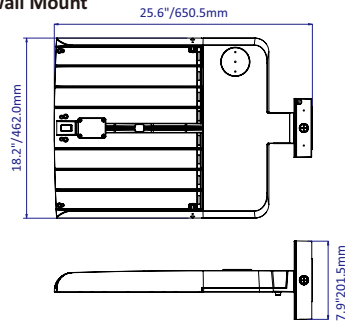




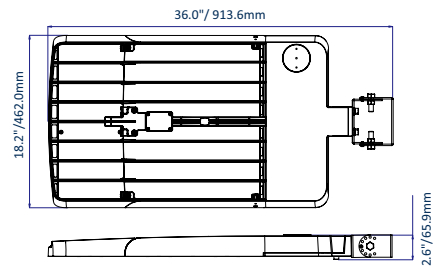
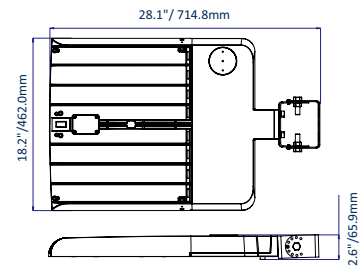
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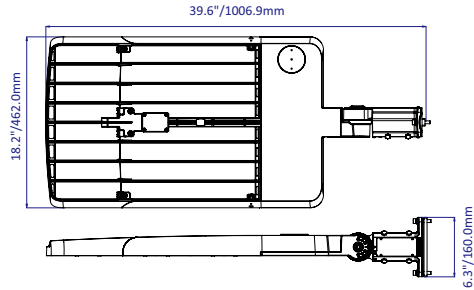
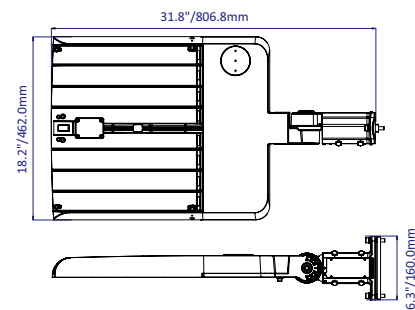
Wall Mount



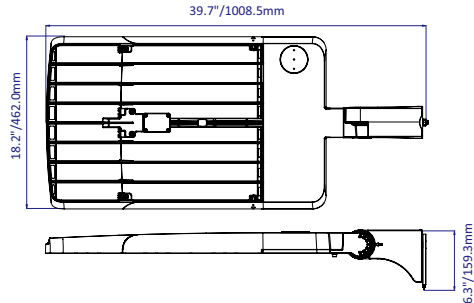
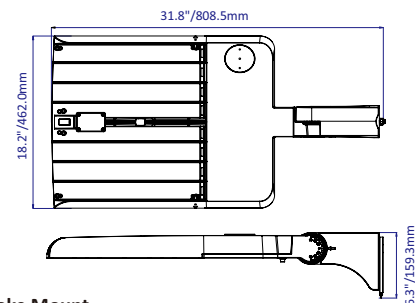
Trunnion Mount



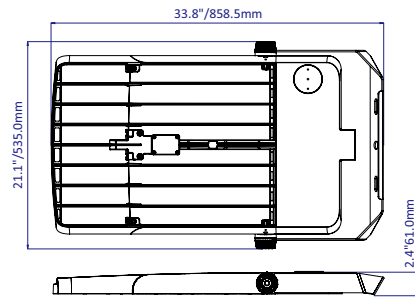
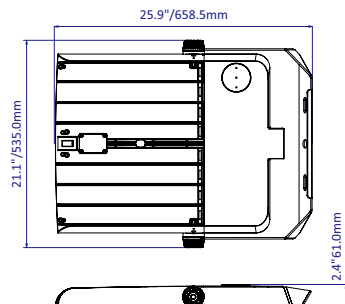
Universal bracket



Adjustable Square & Round Pole Mount



Yoke Mount



Disclaimer:

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