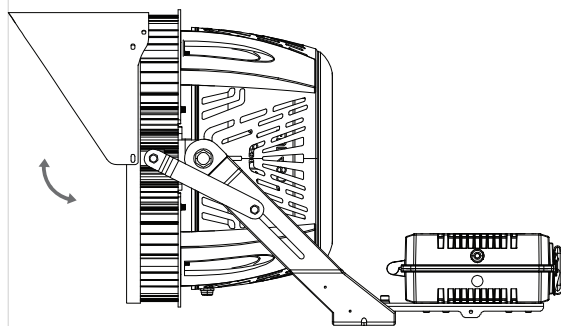
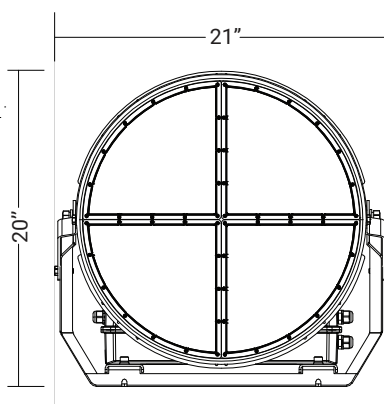


Rotate 355° Tilt 240°



SERIES	DELIVERED LUMENS	WATTAGE
OSP-106-RGBW-500W	28000W	500W

Based on 5000K, >70 CRI. Actual wattage may vary +/- 5%

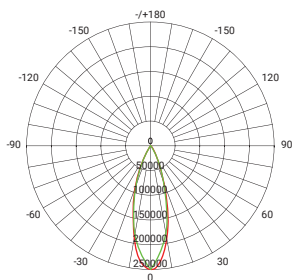
Introducing our versatile LED Sports Lighter, specifically engineered for large spaces including sports arenas, harbors, streets, and other expansive outdoor areas. With a focus on maximum illumination efficiency and unrivaled precision, this luminaire guarantees exceptional lighting performance. Its advanced heat-dissipating exterior ensures efficient thermal management, effectively extending the lifespan of the product. Illuminate your surroundings with unparalleled brilliance and reliability, making every space shine with confidence.

FEATURES

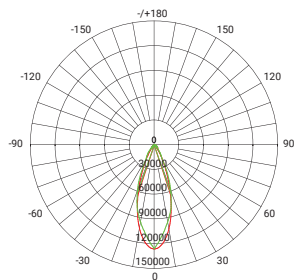
1. IP66 waterproof rating for exceptional performance in harsh weather conditions.
2. 5-year warranty provides long-term peace of mind and customer support.
3. Easy assembly and disassembly for convenient maintenance.
4. High-strength structure with corrosion-resistant polyester powder coating for enhanced durability.
5. Multiple beam angle options for customizable illumination.
6. Optional color temperature to suit specific needs and preferences.
7. Certified product meeting CE, RoHS, DLC, FCC, and UL standards.
8. Versatile application in stadiums, sports fields, high mast lighting, light towers, ports, and more.
9. Lighting Simulation service available for tailored lighting design.
10. Heavy duty die-cast aluminum housing.
11. Ambient operating temperature ranges from -40 - 122°F.

SERIES	LED Sports Lighter - RGBW - 500W
WATTAGE	500W
VPR	10KV SPD (Standard), 20KV SPD
CCT	RGB, W=3000K, 4000K, 5000K
BEAM ANGLE	Narrow Flood 30°, Flood 40°, Wide Flood 60°
CRI	70, 80, 90
CONTROL MODE	DMX512

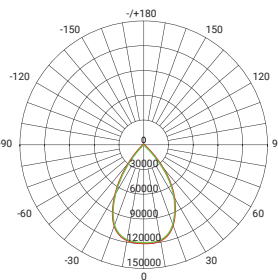




Narrow Flood (30°)





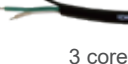

Flood (40°)



Wide Flood (60°)

Reference IES files for additional distribution curve information.

EXTERNAL POWER SUPPLY

DC OUT	4 core	
DMX	4 core	
DMX/W	4 core	
AC IN	3 core	

ELECTRICAL DATA:

PowerSupply	Input Voltage	Power Frequency	Power Efficiency	Power Factor	Total Harmonic Distortion
INVENTRONICS +Decoder	100-277 277-480	50/60Hz	>95%	0.95	<15%

OTHERS:

IP Rating	Lifetime (L70 Standard)	Heat Radiator	Lens Material	Carton Dimensions	Gross Weight	Net Weight
IP66	50,000 hours	Die-cast aluminum	PC	17.7"x17.7"x14"	32 lbs	27.6 lbs

AVAILABLE DMX CONTROLLER CAN ADJUST THE LIGHT COLOR

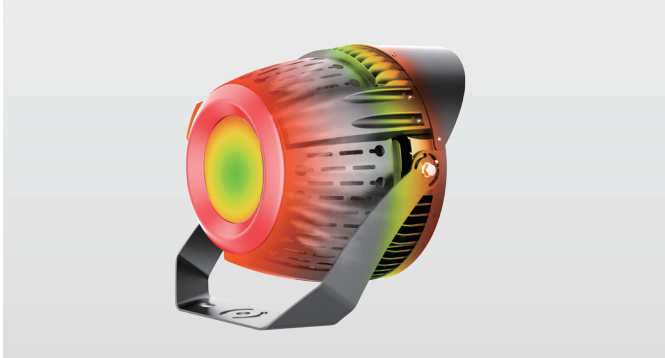
 (Cascade control<30) **GREY SCALE 256**

EXAMPLE:

SERIES	VOLTAGE	WATTAGE	BEAM ANGLE	CCT	RGB CONTROL	VPR	ACCESSORY
OSP-106-RGBW	<input type="checkbox"/> 100-277V <input type="checkbox"/> 277-480V	<input type="checkbox"/> 500W	<input type="checkbox"/> NFL=30° <input type="checkbox"/> FL=40° <input type="checkbox"/> WFL=60°	<input type="checkbox"/> RGBW-30K <input type="checkbox"/> RGBW-40K <input type="checkbox"/> RGBW-50K	<input type="checkbox"/> DMX512	<input type="checkbox"/> 10KV <input type="checkbox"/> 20KV	<input type="checkbox"/> OSP-106-ACC-1-300-500 <input type="checkbox"/> OSP-106-ACC-2-LAD

RADIATOR

The OSP series sports lighting utilizes fin heat sinks for improved heat dissipation, leading to a longer lifespan. The back cover acts as a cooling mechanism, efficiently dissipating heat generated by the power source. This design ensures optimal performance and durability.



LASER AIMING DEVICES (OPTIONAL)

Our laser aiming device provides precise control for angling and aiming each sport light, allowing you to achieve the exact optimal position with ease and accuracy.



OSP-106-ACC-2-LAD

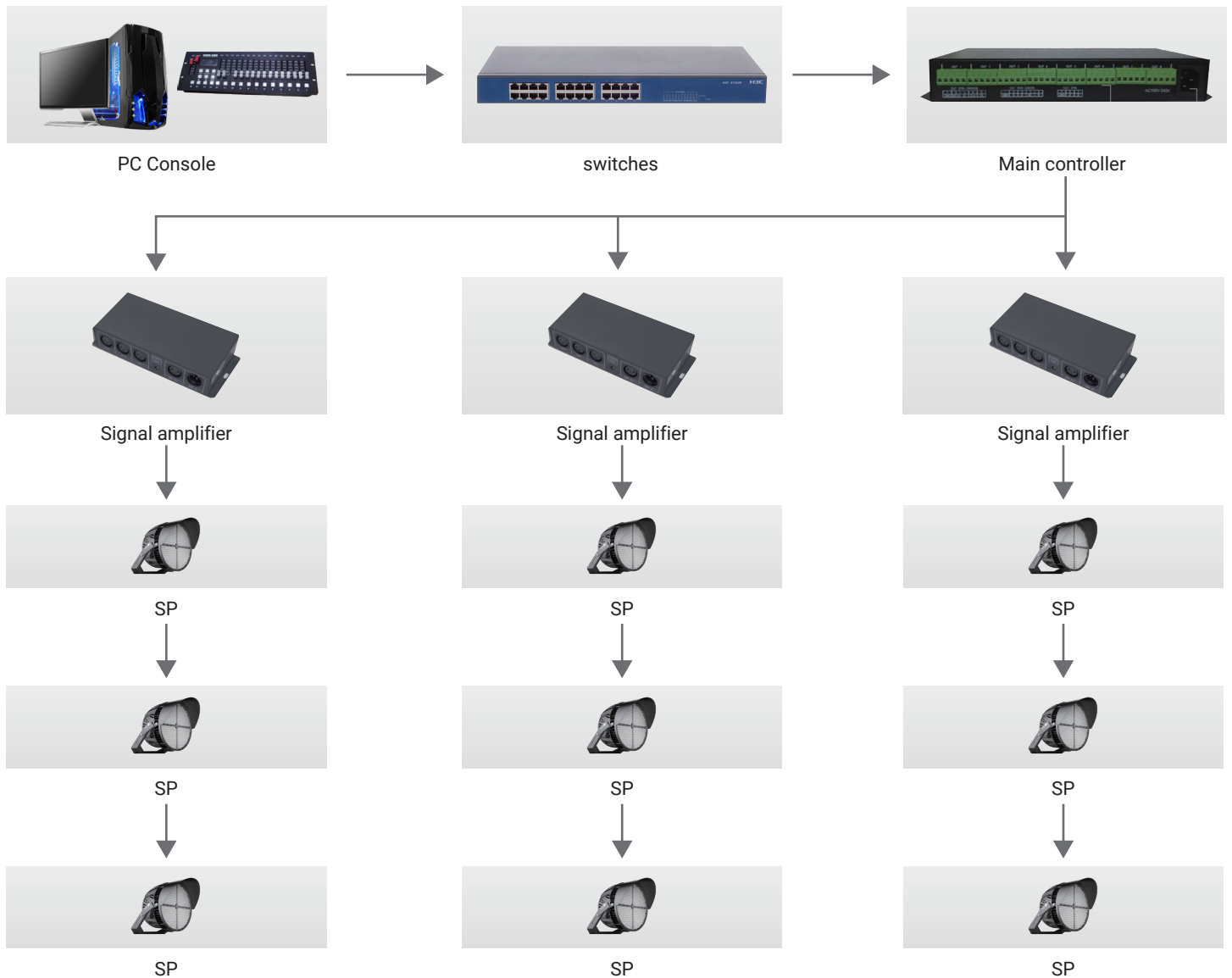
SLIP FITTER BRACKET (OPTIONAL)

The default mount yolk is included. The optional advanced slip fitter bracket offers a stable and compact footprint while allowing for rotation and tilt in various angles, providing the flexibility to position the sport light according to your specific requirements.



OSP-106-ACC-1-750-1250

DMX CONTROL PROGRAM EXAMPLES



DMX LIGHTING INSTALLATION CONSIDERATIONS:

1. The lamps and lanterns should be connected in a serial mode to ensure proper communication and control.
2. A maximum of 30 LED lamps and lanterns can be connected in the same serial number, with a recommended tandem distance of 300-500 meters. In some cases, signal amplifiers may be necessary to extend the distance between lamps and lanterns, but this should be minimized whenever possible.
3. Arrange the signal wiring in a single-line configuration, keeping a safe distance from high voltage current grids to avoid interference.
4. Ensure that all wires used for shielding and signal grounding are treated separately to maintain signal integrity and reduce potential noise or interference.

THE APPENDIX:

For related equipment, Elite Lighting can provide all relevant technical support.

OSP-106-RGBW-500W

TEST NO.: **EL06152321**

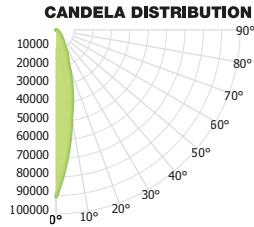
INPUT WATTS: **454.0**

LUMENS: **28151**

EFFICACY: **62**

BEAM ANGLE: **30**

SPACING CRITERIA: **0.35**



CANDELA TABLE

	0°	90°
0°	90584	90584
10°	47834	53351
20°	18999	22184
30°	8109	8783
40°	3949	4023
50°	1821	1943
60°	825	828
70°	368	349
80°	131	114
90°	0	1

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	0	0
45.00°	0	0
55.00°	0	0
65.00°	0	0
75.00°	0	0
85.00°	0	0

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	6062
10° - 20°	8965
20° - 30°	5823
30° - 40°	3481
40° - 50°	2006
50° - 60°	1045
60° - 70°	510
70° - 80°	223
80° - 90°	36

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	15027	53%
0° - 30°	20850	74%
0° - 40°	24332	86%
0° - 60°	27382	97%
0° - 80°	28115	100%
0° - 90°	28151	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	2516.2 fc	2.4 ft	2.3 ft
8.0 ft	1415.4 fc	3.2 ft	3.1 ft
10.0 ft	905.8 fc	3.9 ft	3.9 ft
12.0 ft	629.1 fc	4.7 ft	4.6 ft
14.0 ft	462.2 fc	5.5 ft	5.4 ft
16.0 ft	353.8 fc	6.3 ft	6.2 ft
18.0 ft	279.6 fc	7.1 ft	6.9 ft
20.0 ft	226.5 fc	7.9 ft	7.7 ft

INDOOR COEFFICIENTS OF UTILIZATION

pt	80%										70%										20%										10%										0%										
pc	80%										70%										50%										30%										10%										0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100	100	100	100	100	100	100	100	100	100	100	100	100																		
1	114	111	108	106	111	109	106	104	105	103	101	101	100	98	97	96	95	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94																		
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	93	91	93	91	89	87	87	87	87	87	87	87	87	87	87	87	87																		
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	86	88	86	88	86	83	82	82	82	82	82	82	82	82	82	82	82	82																		
4	98	91	86	82	96	90	85	81	88	84	80	86	82	79	84	81	84	81	84	81	78	77	77	77	77	77	77	77	77	77	77	77	77																		
5	94	86	80	76	92	85	80	76	83	79	75	82	78	75	80	77	74	77	74	73	73	73	73	73	73	73	73	73	73	73	73	73	73																		
6	90	81	76	72	88	81	75	71	79	74	71	78	74	71	76	73	70	73	70	69	69	69	69	69	69	69	69	69	69	69	69	69	69																		
7	86	77	72	68	85	77	71	68	75	71	67	74	70	67	73	69	67	73	69	67	65	65	65	65	65	65	65	65	65	65	65	65	65																		
8	83	74	68	64	81	73	68	64	72	67	64	71	67	64	70	66	63	66	63	62	62	62	62	62	62	62	62	62	62	62	62	62	62																		
9	79	70	65	61	78	70	65	61	69	64	61	68	64	61	67	64	61	67	64	61	59	59	59	59	59	59	59	59	59	59	59	59	59																		
10	76	67	62	59	75	67	62	59	66	62	58	66	62	58	65	61	58	65	61	58	57	57	57	57	57	57	57	57	57	57	57	57	57																		