

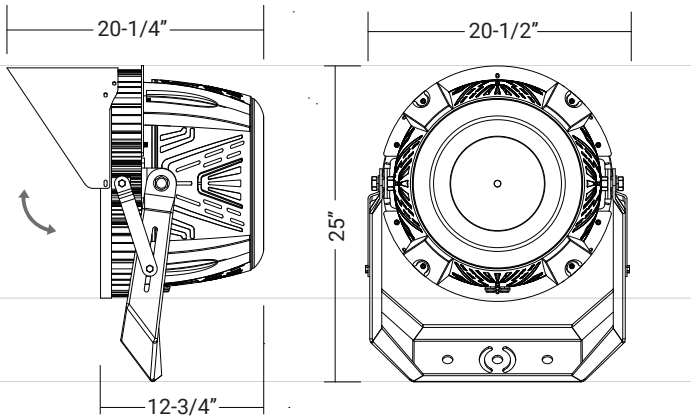


Rotate 355° Tilt 240°

The 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. Dimming control options include 0-10V, DMX, Dali, and Synapse.
11. Ambient operating temperature ranges from -40 - 122°F.

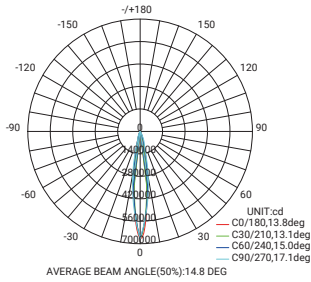


SERIES	DELIVERED LUMENS	WATTAGE
OSP-106-750W	107000	750W

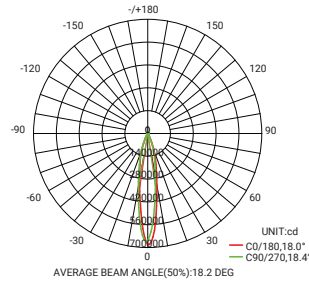
Based on 5000K, >70 CRI. Actual wattage may vary +/- 5%

SERIES	LED Sports Light - 750W
WATTAGE	750W
EFFICIENCY	150lm/W
LUMINOUS FLUX	107,000Lm
CCT	3000K, 4000K, 5000K (Standard), 5700K, 6500K
BEAM ANGLE	Narrow Spot 15°, Spot 20°, Narrow Flood 25°, Flood 40°, Wide Flood 60°, Very Wide Flood 80°
MENA TYPE	3 (20°), 4 (40°), 5 (60°)
CRI	70 (Standard), 80, 90
CONTROL	0-10V, DMX, Dali, Synapse.
VPR	10KV SPD (Standard), 20KV SPD

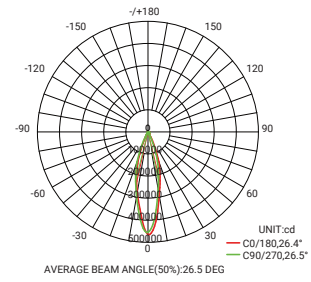




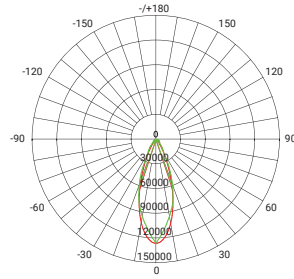
Narrow Spot (15°)



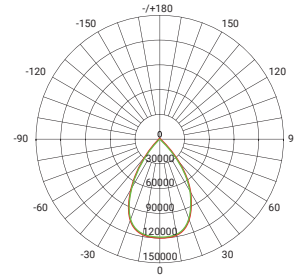
Spot (20°)



Narrow Flood (25°)



Flood (40°)



Wide Flood (60°)

Reference IES files for additional distribution curve information.

ELECTRICAL DATA:

PowerSupply	Input Voltage	Power Frequency	Output Voltage	Power Efficiency	Power Factor	Total Harmonic Distortion
INVENTRONICS	100-277 277-480	50/60Hz	DC24-48V	93%	0.95	<15%

OTHERS:

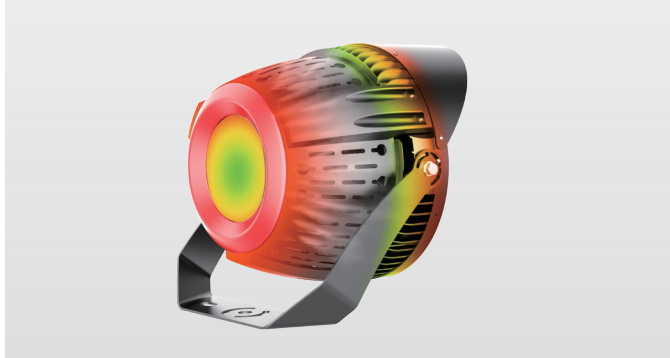
IP Rating	Lifetime (L70 Standard)	Heat Radiator	Lens Material	Carton Dimensions	Gross Weight	Net Weight
IP66	50,000 hours	Forging aluminum	PC	24.4"x22.4"x16.3"	60.6 lbs	50.7 lbs

EXAMPLE:

SERIES	VOLTGE	WATTAGE	BEAM ANGLE	CCT	CRI	CONTROL	VPR	ACCESSORY
OSP-106	<input type="checkbox"/> 100-277V <input type="checkbox"/> 277-480V	<input type="checkbox"/> 750W	<input type="checkbox"/> NS=15° <input type="checkbox"/> SP=20° <input type="checkbox"/> NFL=25° <input type="checkbox"/> FL=40° <input type="checkbox"/> WFL=60° <input type="checkbox"/> VWFL=80°	<input type="checkbox"/> 30K <input type="checkbox"/> 40K <input type="checkbox"/> 50K <input type="checkbox"/> 57K <input type="checkbox"/> 65K	<input type="checkbox"/> 70 <input type="checkbox"/> 80 <input type="checkbox"/> 90	<input type="checkbox"/> 0-10V <input type="checkbox"/> DMX <input type="checkbox"/> Dali <input type="checkbox"/> Synapse	<input type="checkbox"/> 10KV <input type="checkbox"/> 20KV	<input type="checkbox"/> OSP-106-ACC-1-750-1250 <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.

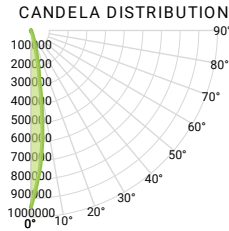


OSP-106-ACC-1-750-1250

OSP-106-100-277V-750W-NS-57K-80-0-10V

TEST NO.: EL06152321

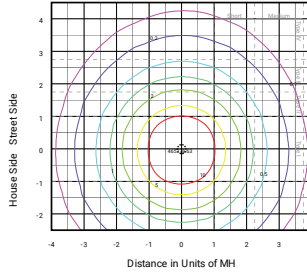
INPUT WATTS: 738.1 LUMENS: 106262 EFFICACY: 144 FIELD SPREAD: 360 H by 15.33 V NEMA CLASSIFICATION: Type 7h x 7v



CANDELA TABLE

	0°	90°
0°	945859	945859
10°	262630	295178
20°	36452	42337
30°	7825	9816
40°	3341	3583
50°	2481	2639
60°	1873	1906
70°	1162	1048
80°	692	351
90°	0	5

ROADWAY ISO-ILLUMINANCE



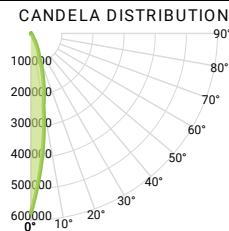
ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	84991	80%
0° - 30°	95116	90%
0° - 40°	99126	93%
0° - 60°	103730	98%
0° - 80°	106055	100%
0° - 90°	106262	100%

OSP-106-100-277V-750W-SP-57K-80-0-10V

TEST NO.: EL06152321

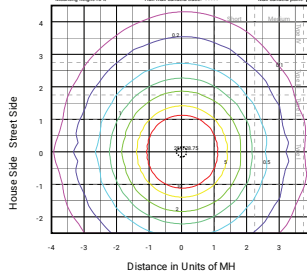
INPUT WATTS: 748.6 LUMENS: 108095 EFFICACY: 144 FIELD SPREAD: 360 H by 23.25 V NEMA CLASSIFICATION: Type 7h x 7v



CANDELA TABLE

	0°	90°
0°	577243	577243
10°	235864	290407
20°	78902	85490
30°	18949	21731
40°	4868	4970
50°	3118	2920
60°	2060	1993
70°	1208	1086
80°	716	401
90°	0	6

ROADWAY ISO-ILLUMINANCE



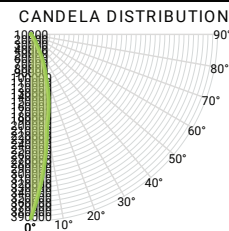
ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	72822	67%
0° - 30°	93387	86%
0° - 40°	100352	93%
0° - 60°	105658	98%
0° - 80°	107931	100%
0° - 90°	108095	100%

OSP-106-100-277V-750W-NFL-57K-80-0-10V

TEST NO.: EL06152321

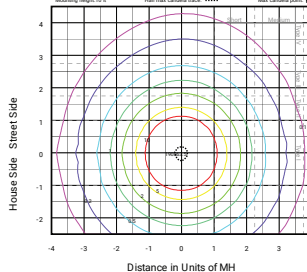
INPUT WATTS: 746.5 LUMENS: 107371 EFFICACY: 144 FIELD SPREAD: 360 H by 27.67 V NEMA CLASSIFICATION: Type 7h x 7v



CANDELA TABLE

	0°	90°
0°	383852	383852
10°	195705	241924
20°	91291	100483
30°	23266	27568
40°	5356	6008
50°	3026	3211
60°	1934	1989
70°	1137	1013
80°	719	355
90°	0	5

ROADWAY ISO-ILLUMINANCE



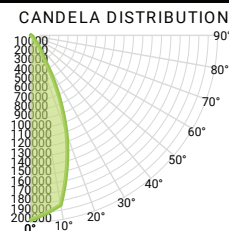
ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	65958	61%
0° - 30°	91218	85%
0° - 40°	99438	93%
0° - 60°	104998	98%
0° - 80°	107210	100%
0° - 90°	107371	100%

OSP-106-100-277V-750W-FL-57K-80-0-10V

TEST NO.: EL06152321

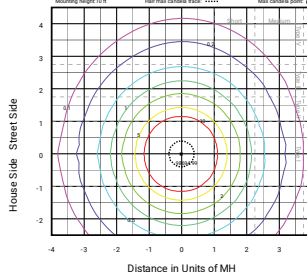
INPUT WATTS: 746.5 LUMENS: 107251 EFFICACY: 144 FIELD SPREAD: 360 H by 33.48 V NEMA CLASSIFICATION: Type 7h x 7v



CANDELA TABLE

	0°	90°
0°	197717	197717
10°	184299	187205
20°	111968	121805
30°	28089	35030
40°	5900	7289
50°	3253	3529
60°	2010	2062
70°	1132	993
80°	600	344
90°	0	5

ROADWAY ISO-ILLUMINANCE



ZONAL LUMEN SUMMARY

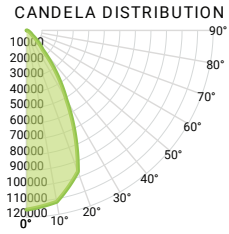
ZONE	UMENS	% LUMINAIRE
0° - 20°	59570	56%
0° - 30°	89570	84%
0° - 40°	99113	92%
0° - 60°	104969	98%
0° - 80°	107107	100%
0° - 90°	107251	100%

OSP-106-100-277V-750W-WFL-57K-80-0-10V

TEST NO.: EL06152321

INPUT WATTS: 746.4 LUMENS: 108763 EFFICACY: 146 FIELD SPREAD: 360 H by 42.25 V

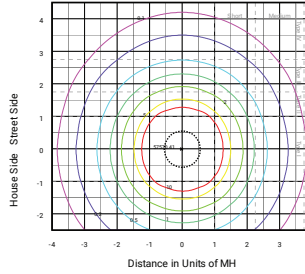
NEMA CLASSIFICATION: Type 7h x 7v



CANDELA TABLE

	0°	90°
0°	115233	115233
10°	111832	112397
20°	96538	97610
30°	51129	52175
40°	16216	15513
50°	4741	4566
60°	2287	2169
70°	1215	1032
80°	594	347
90°	0	6

ROADWAY ISO-ILLUMINANCE



ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	40607	37%
0° - 30°	75199	69%
0° - 40°	95449	88%
0° - 60°	106194	98%
0° - 80°	108612	100%
0° - 90°	108763	100%