

APEX PRO 04 Sports LED Floodlight



SP04



Compact Design to Replace HID Fixtures

LED Sport Light with less replacement cost, a longer lifespan, and is more sustainable without potentially hazardous waste. Valusport is a good choice for HID replacement.



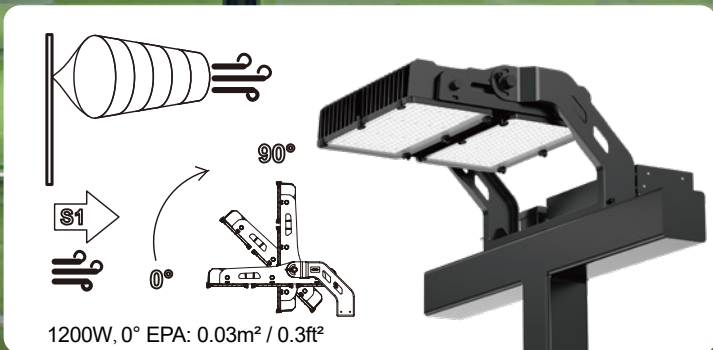
1. Small Overall Size:

510x560x298mm size can deliver 1200W of power and 168,000 lumens of brightness. It is a suitable replacement for traditional 2000W HID fixtures, improving energy efficiency.



2. Lightweight Design for Easy Installation:

1200W Valusport is only 18.8kg, making it easy to install with a crane for actual projects. One light pole can be equipped with more lamps, which is beneficial to improve the lighting effect and uniformity.



3. Smaller Windward Area:

With a smaller windward area, it can reduce the resistance of lighting poles in the wind, thereby lowering the risk of tilting and shaking of the poles, improving the stability and safety.



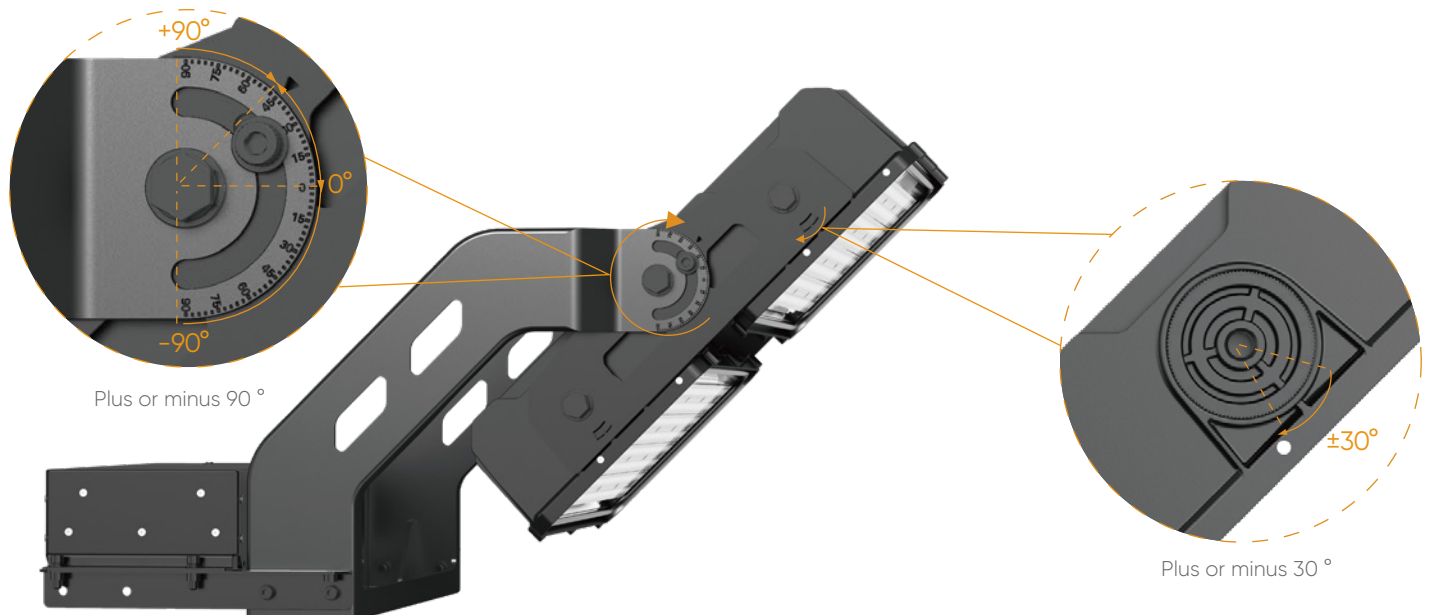
Modular Design

Three compact modules allow for a wide range of wattages from 400W to 1800W and achieve optimal performance. The separated and independent modules also make replacement easy.



Adjustable Modules

The modules can be adjusted using a clear scale and are easy to fixate in the desired light orientation.



High Reliability

- **High anti-corrosion performance:**

Die-cast aluminum EN 44300 with very low copper content and anti-corrosion treatment for maximum resistance in harsh environments.

- **Dual protection:**

Tempered glass + PC lens prevents the accumulation of wind-blown sand and dust on the surface and is beneficial for maintaining the lighting performance.

- **Effective thermal management:**

It is designed with fins and proper gaps to create greater airflow, optimizing heat dissipation.



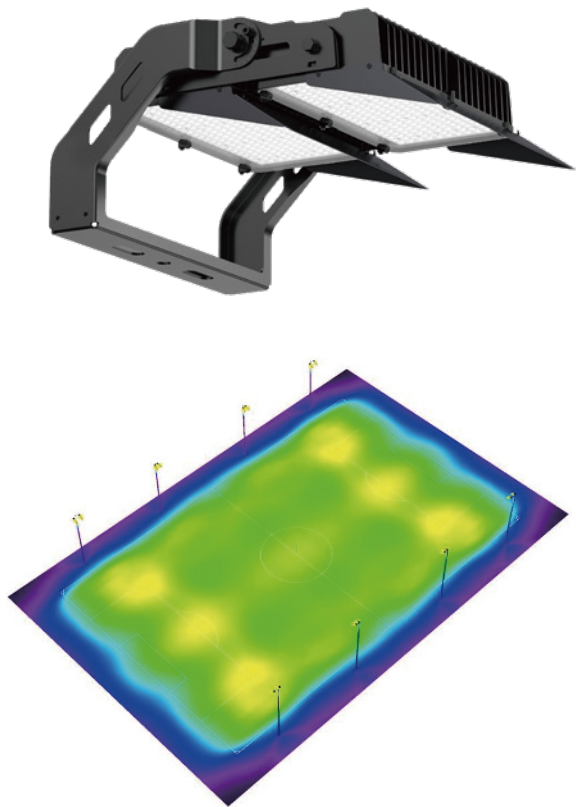
Remote Gearbox Solution

Maximum flexibility with a driver box that can be remotely accessed is beneficial, as it allows for easy replacement of the driver, saving on maintenance costs.

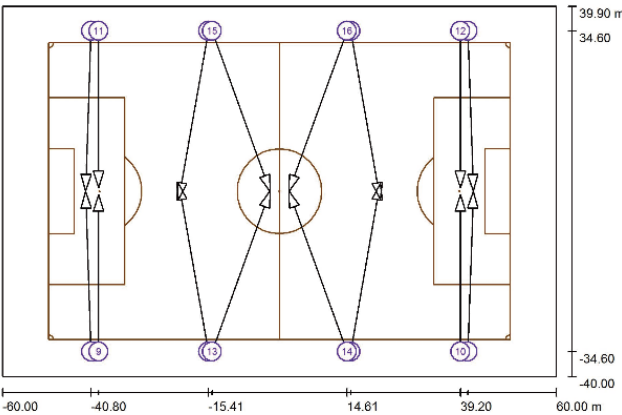


Optical System

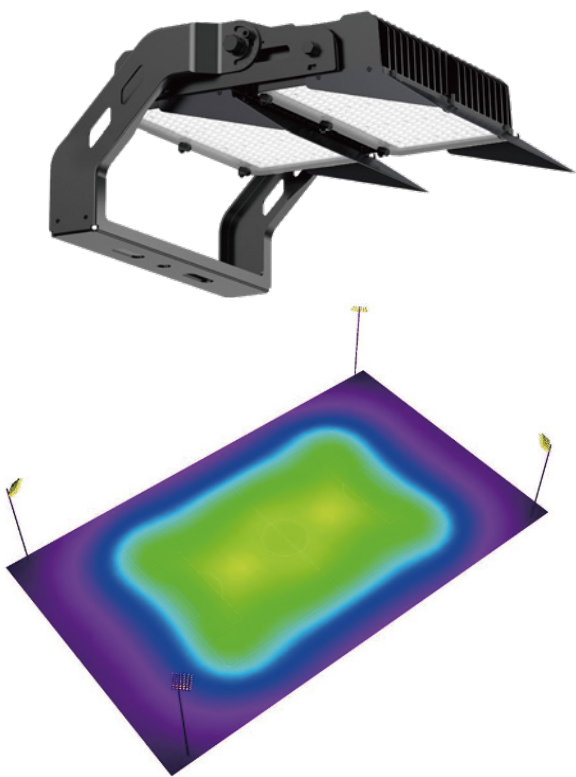
Small-scale Sports Field



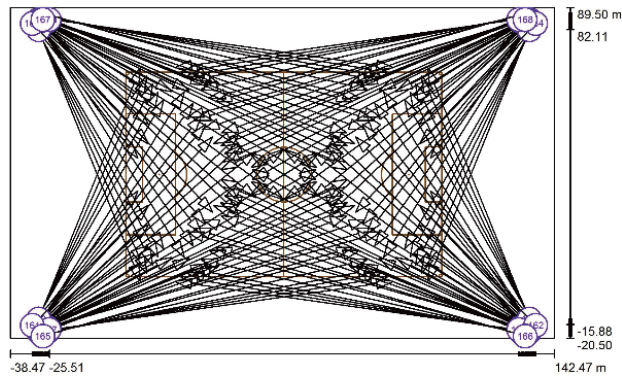
Poles	8 x 18 m
Floodlight	12×SP04 1200W 5700K F04014-L39 04×SP04 1200W 5700K F04013-L39
System Power	19.2KW
Eh ave	>200lux
Emin/Eave	0.80
Emin/Emax	0.68
Ra	70
GR Max	40
ULR	0.0%
MF	0.8



Professional Sports Stadium



Poles	4×40m
Floodlight	36×SP04 1200W 5000K F04003Z-L130 132×SP04 1200W 5000K F04002-L130
System Power	201.6KW
Eh ave	>1200lux
Emin/Eave	0.79
Emin/Emax	0.66
Ra	80
GR Max	49
ULR	2.5%
MF	0.8

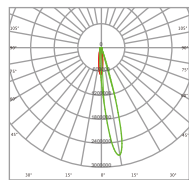


SP04 Product Range

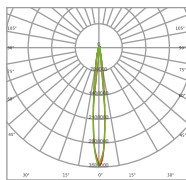
Model No	SP04-400	SP04-480	SP04-600	SP04-800	SP04-960	SP04-1K2	SP04-1K5	SP04-1K8
Power Consumption (±5%)	400W	480W	600W	800W	960W	1200W	1500W	1800W
Input Voltage	120-240 VAC, 50/60 Hz					220-240VAC 120-240VAC 50/60 Hz	200-420VAC, 50/60 Hz	
Control	0-10V dimmable, DALI, DMX optional							
Luminous Flux (LED3737)	54800lm 137lm/W	67680lm 141lm/W	84000lm 140lm/W	109600lm 137lm/W	135360lm 141lm/W	211500lm 140lm/W	211500lm 141lm/W	252000lm 140lm/W
Luminous Flux (LED5050)	59600lm 149lm/W	73440lm 153lm/W	93000lm 155lm/W	119200lm 149lm/W	146880lm 153lm/W	186000lm 155lm/W	229500lm 153lm/W	279000lm 155lm/W
Efficacy (5000K Ra70)	137lm/W or 155lm/W							
CCT & CRI	5700K (3000K, 4000K optional) Ra70 (Ra80, Ra90 optional)							
Beam Angle	(LED 3737): F04002X, F04011X, F04015X, F04045X, F04001X, F04013, F04014 (LED 5050): F04001Z, F04003Z, F04004Z, F04006Z							
Category of corrosion	C4 (ISO 9223:2012)							
Protection Rating	IP66, IK08							
Operating Temperature	-30°C to + 50°C							
Warranty	5 Years							
Product Dimension	479x250x185 mm	479x266x185 mm	479x283x185 mm	510x429x232 mm	510x527x298 mm	510x560x298 mm	515x777x310 mm	515x833x310 mm
Luminaire Net Weight	Lamp body:6.3kg Driver box:3.6kg	Lamp body:7.0kg Driver box:4.2kg	Lamp body:7.8kg Driver box:4.7kg	Lamp body:13.7kg Driver box:5.4kg	Lamp body:16.4kg Driver box:6.6kg	Lamp body:18.8kg Driver box:6.6kg	Lamp body:24.8kg Driver box:6kg	Lamp body:28kg Driver box:6kg

Photometric Diagrams

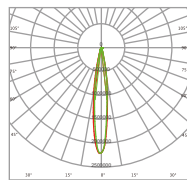
LED 3737



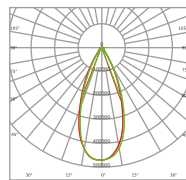
Asymmetrical Intense 9.5°
(F04002X)



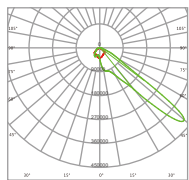
Symmetrical 11°
(F04011X)



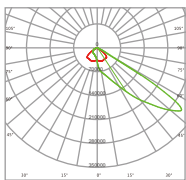
Symmetrical 14.4°
(F04015X)



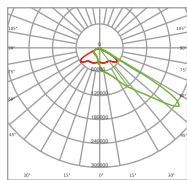
Symmetrical 42°
(F04045X)



Asymmetrical Intense 50°
(F04001X)

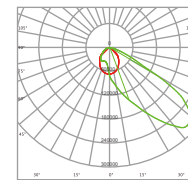


Asymmetrical Intense 54°
(F04013)

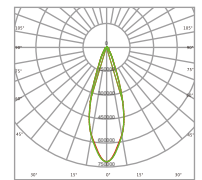


Asymmetrical Intense 54°
(F04014)

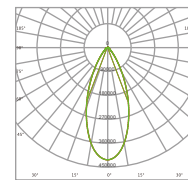
LED 5050



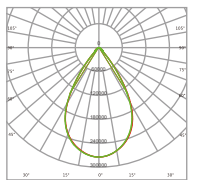
Asymmetrical Intense 45°
(F04001Z)



Symmetrical 30°
(F04003Z)



Symmetrical 45°
(F04004Z)



Symmetrical 60°
(F04006Z)

Accessories



Precision Aiming Device
BC-S04-02
precisely mounting to achieve
better lighting performance



Visor
BC-S04-01
For F04002, F04003X, F04003Z, F04004,
F04006, to control up light and spill light