



**Description**

SP04 series LED sports light offer 56,000lm-180,000lm, flexible solution to cover medium and large stadium lighting projects. The modular design support single LED module tilt adjustable, to achieve precise lighting performance. With special materials and surface treatment, SP04 offer excellent anti-corrosion ability, it is a good choice for harbour lighting.

**Key Features**

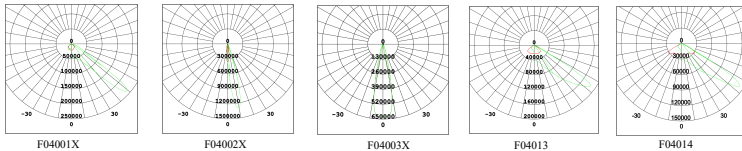
- Modular design 400W 500W 600W 800W 1000W 1200W.
- No backlight, no up-light and no spill light.
- Professional and unique optics options could effectively control glare and ensure the good uniformity.
- Adjustable bracket design obtains the best uniformity.
- Excellent anti-corrosion performance.
- Provided with 20KV surge protection devices.
- IP66 and IK08 protection.

**Applications**

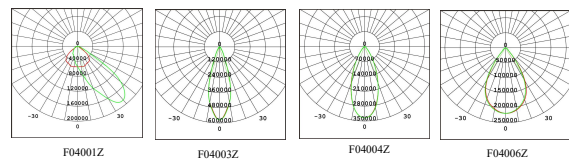
- Square
- Outdoor stadium
- Exhibition center
- Soccer field
- Airport
- Railway station

**Photometry**

LED3737



LED5050



**Mounting Options**

Bracket mounting



Electrical Information						
Model No.	SP04-400	SP04-480	SP04-600	SP04-800	SP04-960	SP04-1K2
Power Consumption(±5%)	400W	480W	600W	800W	960W	1200W
Power Supply	Done driver/PowerTek					
Input Voltage	120-277VAC, 50/60 Hz/277-480VAC, 50/60 Hz					
Power Factor	>0.97					
Surge Protection	10KV line-line /20KV line-earth					
Driver Type	Constant Current (CC)					
Control	0-10V Dimming,DMX					

Optic Information						
LED Type	LED3737					
Luminous Flux (±10%)	56000lm	67200lm	84000lm	112000lm	134400lm	168000m
Efficacy(5700K Ra70)	140lm/W					
Beam Angle	F04001X,F04002X,F04003X,F04013,F04014					
Correlated Color Temperature	5700K (3000K, 4000K optional)					
Color Rendering Index	Ra70 (Ra80, Ra90 optional)					
UGR level	NA					
LED Type	LED5050					
Luminous Flux (±10%)	60000lm	72000lm	90000lm	120000lm	144000lm	180000lm
Efficacy(5700K Ra70)	150lm/W					
Beam Angle	F04001Z,F04003Z,F04004Z,F04006Z					
Correlated Color Temperature	5700K (3000K, 4000K optional)					
Color Rendering Index	Ra70 (Ra80, Ra90 optional)					
UGR level	NA					

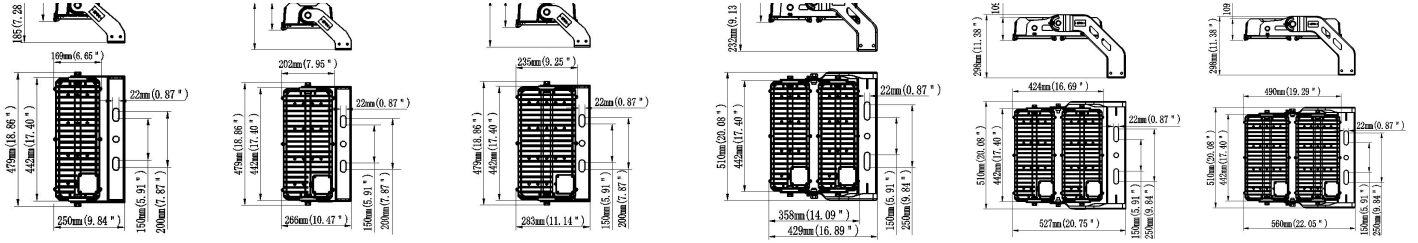
Dimensions and Mount						
Product Dimension	479x250x185mm	479x266x185mm	479x283x185mm	510x429x232mm	510x527x298mm	510x560x298mm
Luminaire Net Weight (±0.3kg/±0.66Lbs)	Lamp body: 6.3kg(13.89lbs) Driver box: 3.6kg(7.94lbs)	Lamp body: 7.0kg(15.43lbs) Driver box: 4.2kg(9.26lbs)	Lamp body: 7.8kg(17.20lbs) Driver box: 4.7kg(10.36lbs)	Lamp body:13.7kg (30.20lbs) Driver box:5.4kg(11.90lbs)	Lamp body:16.4kg (30.62lbs) Driver box:6.6kg(14.55lbs)	Lamp body:18.8kg (41.45lbs) Driver box:6.6kg(14.55lbs)
Export Carton Size	510x355x250mm	510x370x250mm	510x400x250mm	600x570x250mm	715x610x265mm	750x610x265mm
Gross Weight (±0.3kg/±0.66Lbs)	10.9kg(24.03lbs)	12.3kg(27.12bs)	13.8kg(30.42±0.66lbs)	22.2kg(48.92±0.66lbs)	26.4kg (58.20lbs)	29kg(63.93lbs)
Mounting Option	Bracket mounting					
Material	Aluminum alloy					
Finish	Powder coating					
Fixture Color	Black (RAL9017)					
EPA	0.09m <sup>2</sup> /0.96ft <sup>2</sup>	0.11m <sup>2</sup> /1.15ft <sup>2</sup>	0.12m <sup>2</sup> /1.34ft <sup>2</sup>	0.18m <sup>2</sup> /1.92ft <sup>2</sup>	0.22m <sup>2</sup> /2.38ft <sup>2</sup>	0.24m <sup>2</sup> /2.68ft <sup>2</sup>
IK Rating	IK08					
IP Rating	IP66					
Category of corrosion	C4					

Lifespan and Warranty	
Operating Temperature	-30°C to + 50°C (-22°F to 122°F)
Life Time of LED @Ta=25°C (3737)	82000hrs-L90 197000hrs-L80 326000hrs-L70
Life Time of LED @Ta=25°C (5050)	550000hrs-L90 118000hrs-L80 190000hrs-L70
Warranty	5 years

**New Features**

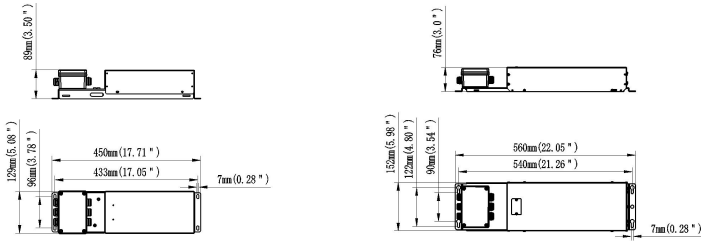
1. Visor is adjustable .
2. DMX control available.
3. Light weight and compact size.

\* Please consult us for details.



400/480/600W driver

800/960/1200W driver



Accessories



**Precision Aiming Device**  
AL1060 materials with outdoor powder coating.  
Accurate adjustment of luminaire projected position.



**Visor**  
SPCC materials with outdoor powder coating.  
(SP04-L130 for F04002X, F04003X, F04003Z, F04004Z, F04006Z)

Code: BC-S04-01



**Visor**  
SPCC materials with outdoor powder coating.  
(SP04-L80 for F04001X, F04001Z, F04013, F04014)

Code: BC-S04-03