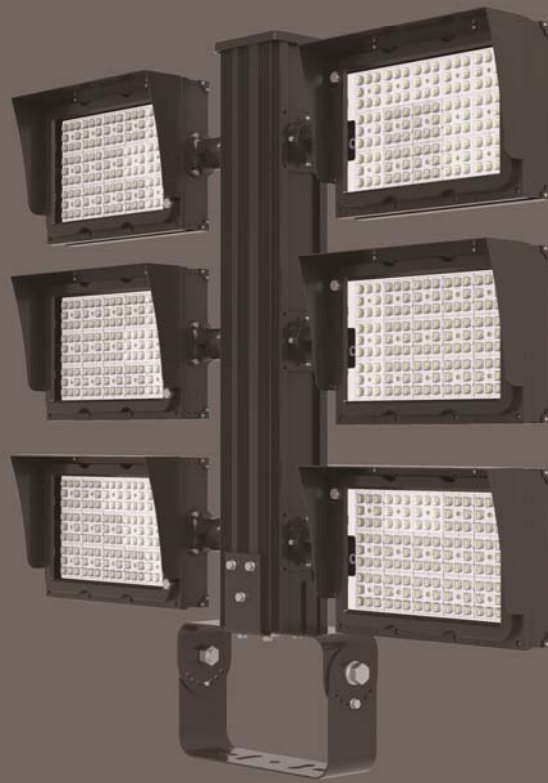


SPECIFICATION



SUNPER

**LED Stadium Light
D Series**

Introduction



◆ This product is LED stadium lamp, simple appearance, easy installation, IP65 protection level. With 5050 patch beads, the light and color are uniform, the performance is stable, the reliability is high and the consistency is good. There are two functions to choose, dimming and non-dimming. The light output efficiency of lamps is high.

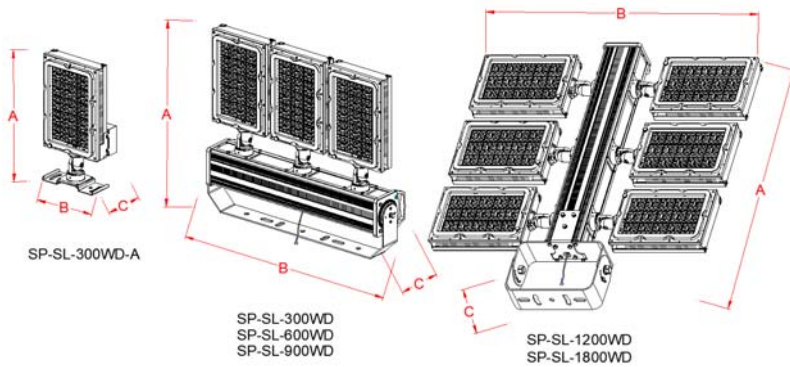
Features

1. Simple design and easy installation;
2. Protection level IP65;
3. Complete product range, 300W-1800W available.
4. Using 5050 patch LEDs, low calorific value, uniform brightness.
5. External drive, with dimming / non-dimming available.

Application Areas

Widely used in the Basketball court, Gym, square and tunnel and so on.





Measurement

Model	Dimension(mm)			Size (mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/ CTN	20GP (pcs)	40HQ (pcs)
	A	B	C		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
300WD-A	518	265	137	312*230*110	8.5	8.9	8.5	8.9	58.4*33*18.4	1	653	1507
300WD	745	333	172	382*342*132	8.9	9.3	8.9	9.3	80.7*37.8*22.2	1	341	790
600WD	745	594	172	382*475*132	16.2	17	16.2	17	82.6*64.9*22.7	1	190	440
900WD	745	873	172	382*475*132	22.8	24	22.8	24	92.9*82.6*22.7	1	132	306
1200WD	911	1126	181	382*597*132	30.4	32	30.4	32	122.2*97.6*22.4	1	86	200
1800WD	1191	1126	181	669*342*132	39.6	42	39.6	42	126.2*122.2*22.4	1	67	155

Technical Datasheet

Model No.	SP-SL-300WD-A	SP-SL-300WD	SP-SL-600WD	SP-SL-900WD	SP-SL-1200WD	SP-SL-1800WD
Watt(W)	300W	300W	600W	900W	1200W	1800W
Dimension(mm)	518*265*137	745*333*172	745*594*172	745*873*172	911*1126*181	1191*1126*181
Rated Input Voltage(V)	AC100-305V					
LED	SMD5050					
CCT(K)	2200K/3000K/4000K/5000K /5700K					
Luminous Flux (lm) ±5%	Non-DIM	43500-46500	43500-46500	87000-93000	130500-139500	174000-186000
	DIM	—	—	—	—	—
Beam Angle (°)	10 / 20 / 60 / 90 degree/ 10 degree(P50-P8)/ 135*60 degree(P50)/97*47 degree(TypelV)					
CRI	>70 (Optional with CRI>90)					
LED Driver	Built-in					
DIM	0-10V DC dimmable/10V PWM singal dimmable/resistance dimmable/DALI dimmable					
Protection Class	Class I					
Wind Rating	51.0-56.0m/s					
IP Rating	IP66					
IK Rating	IK08					
Finishing Color	Oxidation					

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Material	Marine grade aluminum+Tempered glass + PMMA lens+316 Stainless Steel
Lifetime (hr)	50,000
Glow wire test (°C)	650°C
Operating Temp.(°C)	-20°C ~ 45°C
Storage Temp.(°C)	-20°C ~ 65°C
Installation	Barackt
Brand Driver option	Meanwell
Certification	ENEC TUV CE SAA CB IK08 Salt spray test

Driver Datasheet (Non-dimmable)

Power	SP-SL-300WD-A	SP-SL-300WD	SP-SL-600WD	SP-SL-900WD	SP-SL-1200WD	SP-SL-1800WD
Rated Input Voltage(V)	AC100-305V					
Frequency	47-63Hz					
Input Voltage	AC100-305V					
Efficiency	92.5%					
Total load wattage	300W±5%	300W±5%	600W±5%	900W±5%	1200W±5%	1800W±5%
Power Factor	PF>0.94					
Rated Input Current	≤5.8A	≤5.8A	≤11.6A	≤17.4A	≤23.2A	≤34.8A
Full load output voltage	48V	48V	48V	48V	48V	48V
Rated output current	5.2-8.0A	5.2-8.0A	10.4-16.0A	15.6-24.0A	20.4-32.0A	31.2-48A
Output current range	2.6-8.0A	5.2-8.0A	10.4-16.0A	15.6-24.0A	20.4-32.0A	31.2-48A
Power tolerance	±5%					
Current output tolerance	±5%					
Short circuit protection	PASS					
Over voltage protection	PASS					
Over temperature protection	PASS					
THD	<10%					
Withstand voltage	AC1500V/5mA/60S					

Driver Datasheet (Dimmable)

Power	SP-SL-300WD-A	SP-SL-300WD	SP-SL-600WD	SP-SL-900WD	SP-SL-1200WD	SP-SL-1800WD
Rated Input Voltage(V)	AC100-305V					
Frequency	47-63Hz					
Input Voltage	AC100-305V					
Efficiency						
Total load wattage	300W±5%	300W±5%	600W±5%	900W±5%	1200W±5%	1800W±5%
Power Factor	PF>0.94					

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Rated Input Current	≤5.8A	≤5.8A	≤11.6A	≤17.4A	≤23.2A	≤34.8A
Full load output voltage	48V	48V	48V	48V	48V	48V
Rated output current	5.2-8.0A	5.2-8.0A	10.4-16.0A	15.6-24.0A	20.4-32.0A	31.2-48A
Output current range	2.6-8.0A	5.2-8.0A	10.4-16.0A	15.6-24.0A	20.4-32.0A	31.2-48A
Power tolerance	±5%					
Current output tolerance	±5%					
Dimming Range	0-100%	0-100%	0-100%	0-100%	0-100%	0-100%
Short circuit protection	PASS					
Over voltage protection	PASS					
Over temperature protection	PASS					
THD	< 10%					
Withstand voltage	AC1500V/5mA/60S					

Installation Procedure

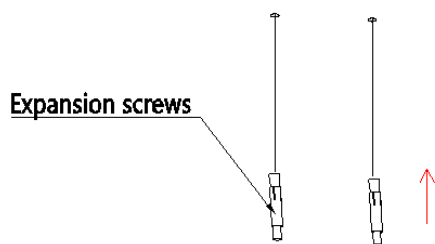
WARNING

1. Switch off before installation.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.

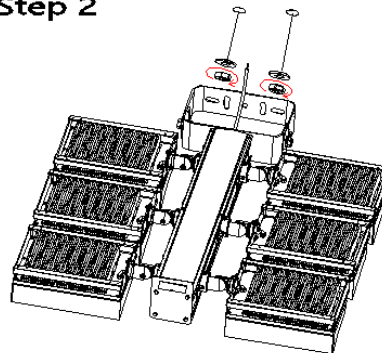


Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

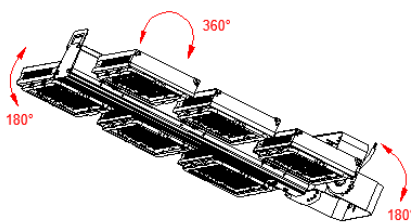
Step 1



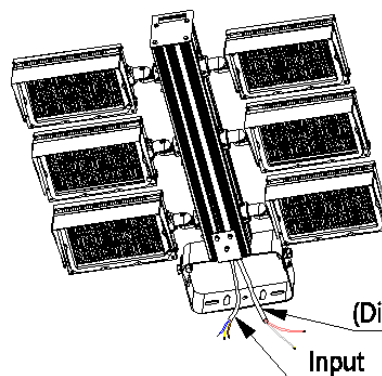
Step 2





Step 3



Step 4






Dimming :




-  DIM+ = PURPLE
-  DIM- = WHITE

Input:

American Standard

-  L = BLACK
-  N = WHITE
-  PE = GREEN

European standard

-  L = BROWN
-  N = BLUE
-  PE = YELLOW-GREEN

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Step 5

