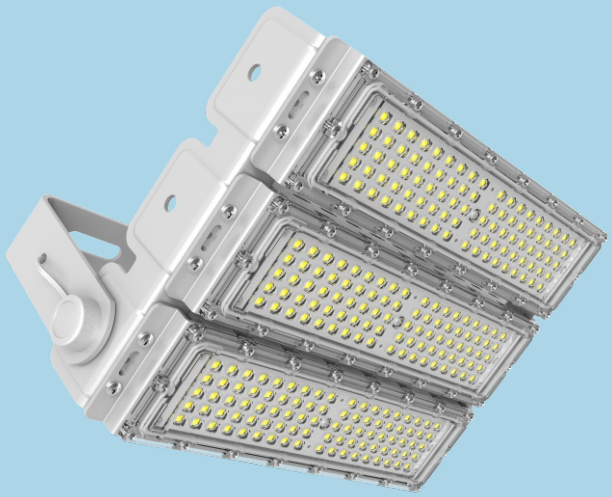
PCCOOLER®



SD2D Series LED Flood Light

Features

1. Minimalist modular design, more convenient for assembly and maintenance.
2. SD2D/C series with/ without fins integrated for option, 60W/50W for each module.
3. Material: High purity Aluminum AL1060, better heat dissipation performance.
4. Powder baking process, anti-corrosion and suit for some hostile environment.
5. Multiple & professional optics: 30°/60°/90°,90°X100°, meet different lighting application & requirements.
6. Adjustable installation angle: 0~220°, more convenient for installation requirements.
7.Widely use for tunnel lighting, landscape lighting, construction, municipal engineering lighting, and outdoor advertising lighting.,etc

Product Family Picture

1 module

2 modules

3 modules

4 modules

5modules

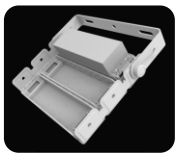
Parameters

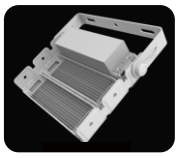
Model	SD2D-1	SD2D-2	SD2D-3	SD2D-4	SD2D-5
Rated Power (W)	60W	120W	180W	240W	300W
Light Efficacy	120-145Lm/W				
Luminous flux (lm)	8700Lm	17000Lm	26300Lm	34600Lm	17000Lm
Input Voltage (V)	AC220V/50HZ				
LED type	3030/72PCS/ 90PCS	3030/144PCS/ 180PCS	3030/216PCS/ 270PCS	3030/288PCS/ 320PCS	3030/360PCS/ 450PCS
CCT	3000K/4000K/5000K/6000K				
Beam Angle	60°、90°、90°*100°、75°*150°				
LED drivers	Meanwell(Other brand of driver opon request)				
IP Grade	Ip65				
Impact resistance	IK08				
Material	Al1060				
fixture Lamp color	Silver gray				
Lifespan (years)	5 years at 25℃ environment temperature				
Operation temperature(℃)	-25℃-45℃				
Standards & certificate	ROHS、IEC、LM80				
Net. Weight. (KG)	1.5KG	2.7KG	3.5KG	4.6KG	5.6KG

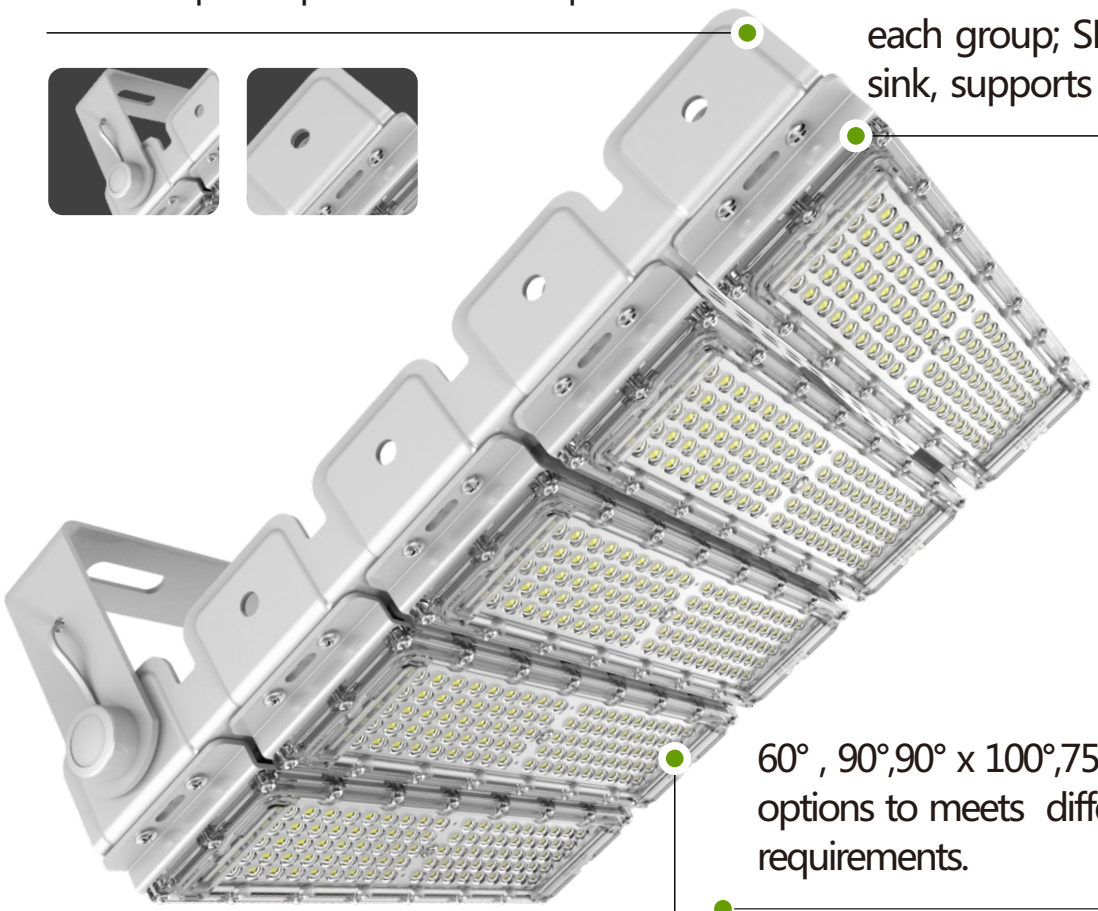
Patent product structure features

The lamp body is made of 1060 aviation aluminum with a purity of 99.6%, and the heat dissipation performance is superior.

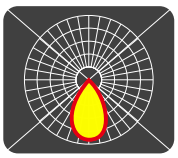
SD2C with heat sink, supports 50W each group; SD2D with built-in heat sink, supports 60W each group.

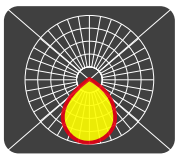


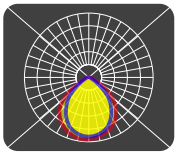


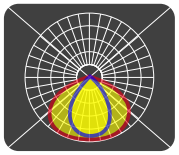


60° , 90°,90° x 100°,75°x 150° lens for options to meets different scenarios requirements.





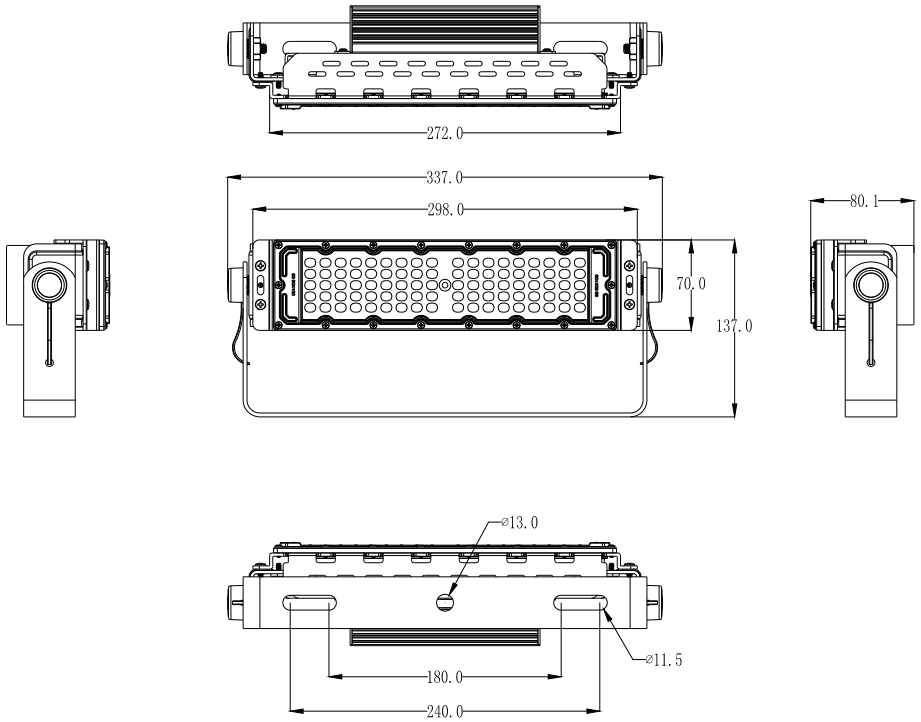




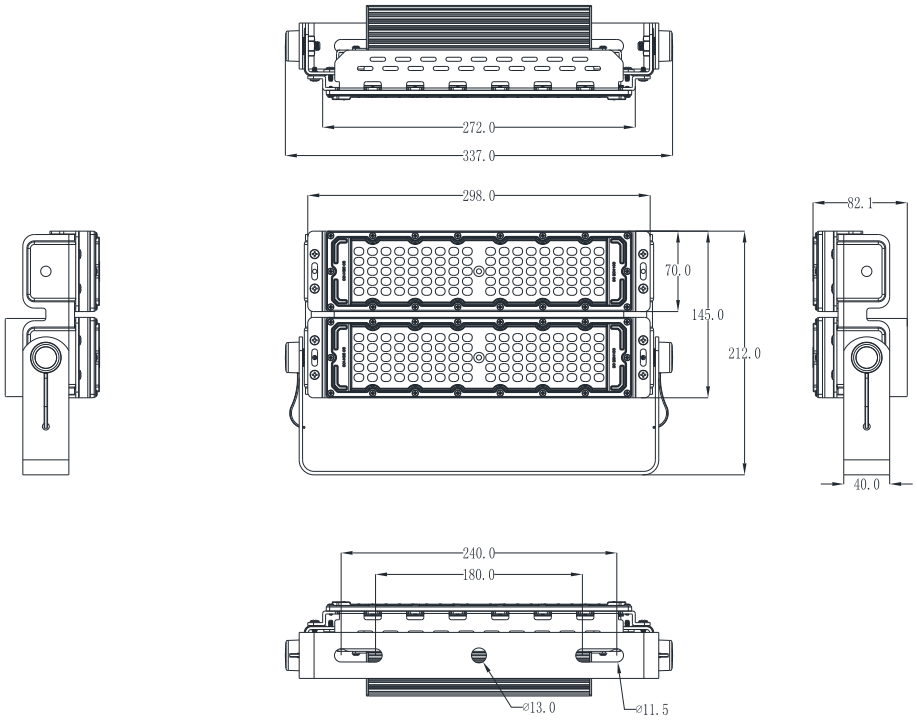
All important gadgets such as screws and nuts are made of high quality SUS304 stainless steel, it has great corrosion resistance and heat resistance, and does not fall off and rust for a long time.

Dimensions (mm)

1 module

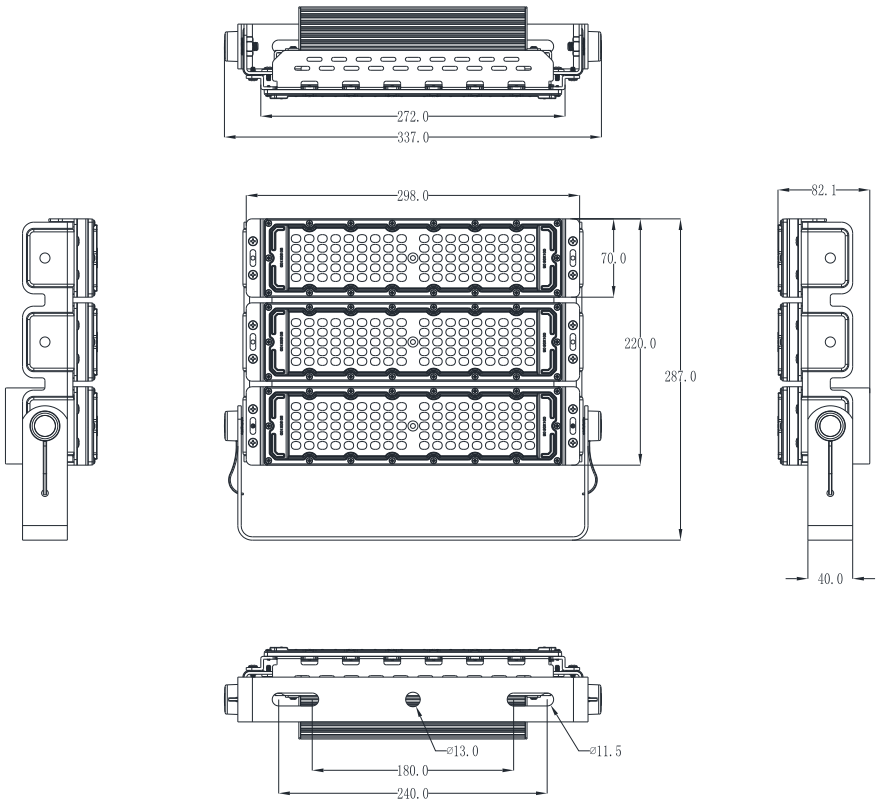


2 modules

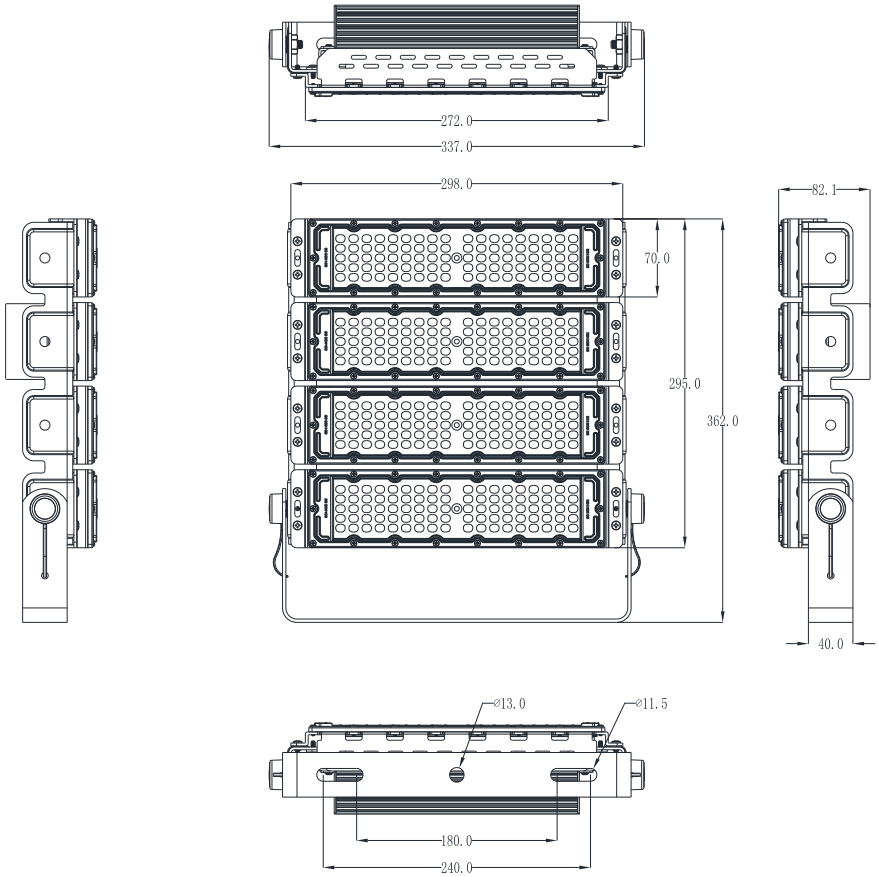


Dimensions (mm)

3 modules

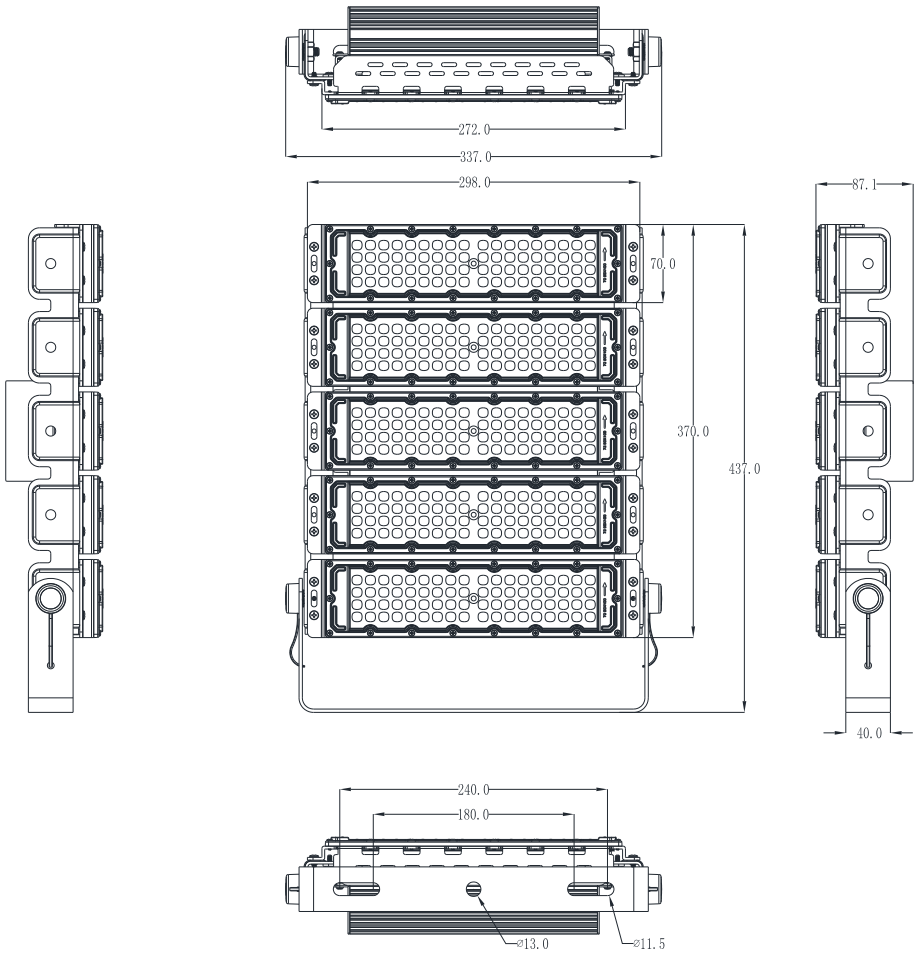


4 modules

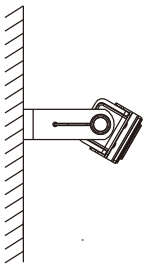


Dimensions (mm)

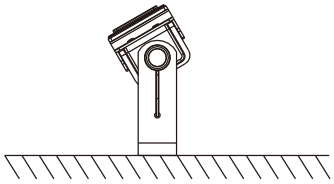
5 modules



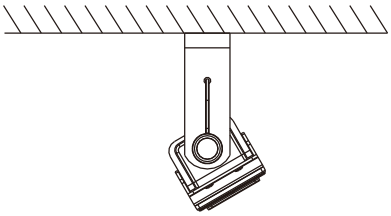
Fixing Ways



Wall installation



Ground installation



Ceiling installation

Product installation instruction

1. Fix the lamp bracket onto ceiling or wall tightly, the parts which connect with bracket will be fixed well.

2. The place where is installed this lamp can stand for 10 times weight for this lamp, no shaking, swing, no fire hazard condition before installation.

3. Refer to requirements to adjust lamp installation angle properly, fix screws of both sides for bracket tightly.

4. This H series lamp input wires are 3 lines, blue wire is null line, brown wire is live line, yellow / green wire is earth line. Only professional technician can finish the wiring connection correctly and keep wiring waterproof safety.