Sunview Led

Innovative LED Light Manufacturer

Next Gen
Multipurpose Led
SF-400AB

160LM/W

Sunview Led, LLC

T: +1 877 778-6843
E: info@sunviewled.com
www.sunviewled.com

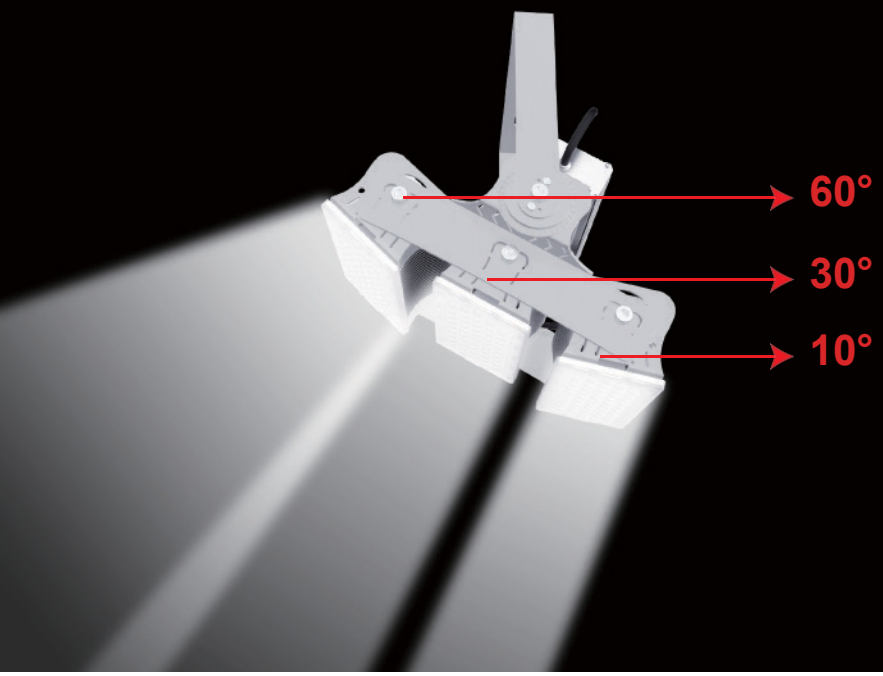
ADD: 30 N Gould St,
Suite 1404
Sheridan, WY 82801

PSE · ETL Intertek · SAA · CE · UKAS · DLC · RoHS

Parameter

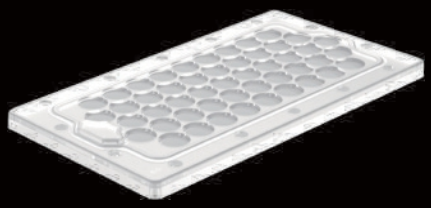
WATTAGE	60/100/120/180/200/240 300/360/400/600W
LIGHT SOURCE	LUMILEDS
LED QUANTITY	48LEDS EACH MODULE 24LEDS EACH MODULE
DRIVER	MEANWELL
LAMP LUMINOUS FLUX	160LM/W±5%（60°/90°/120°） 150LM/W±5%(30°) 120LM/W±5%(10°)
CRI	Ra>70
CCT	2700-6500K
RATED VOLTAGE	AC 100-240V 277V~, 50/60Hz
POWER FACTOR	>0.95
BEAM ANGLE	10°/30°/60°/90°/120°
IP GRADE	IP65
HEAT-SINK	ALUMINIUM COOLING FIN
OPERATING TEMP	-40℃~60℃

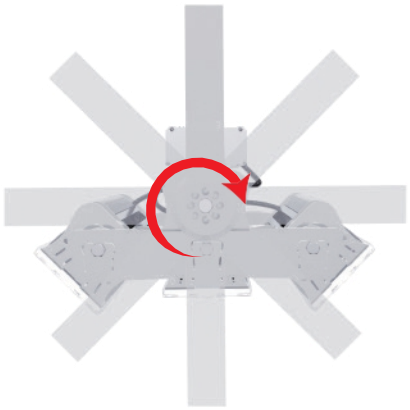
	SF-400B	SF-400A
	60W 9,600LM 2.4kg±5% 24PCS LED 291×102×266mm	**100W** 16,000LM 2.9kg±5% 48PCS LED 291×102×266mm
	120W 19,200LM 3.8kg±5% 48PCS LED 291×219×334mm	**200W** 32,000LM 4.2kg±5% 96PCS LED 291×219×334mm
	180W 28,800LM 4.7kg±5% 72PCS LED 291×340×324mm	**300W** 48,000LM 5.6kg±5% 144PCS LED 291×340×324mm
	240W 38,400LM 5.9kg±5% 96PCS LED 485×219×334mm	**400W** 64,000LM 7.4kg±5% 192PCS LED 485×219×334mm
	360W 57,600LM 8.6kg±5% 144PCS LED 485×340×324mm	**600W** 96,000LM 10.3kg±5% 288PCS LED 485×340×324mm



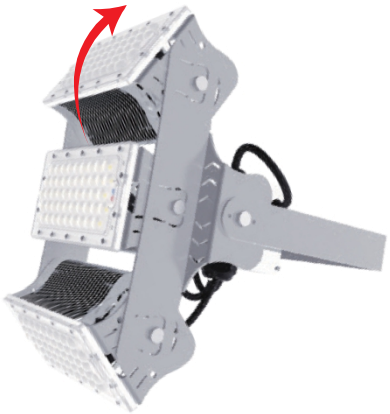
Professional Light Distribution

Multiple optical lens choices are available with angles including 10°/30°/60°/90°/120° to meet the requirements for professional light distribution and an extensive scope of applications.

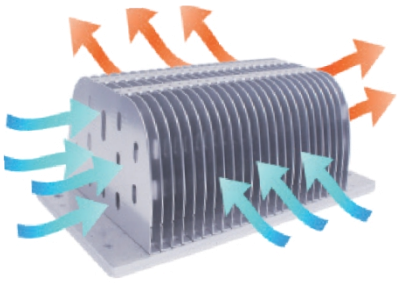


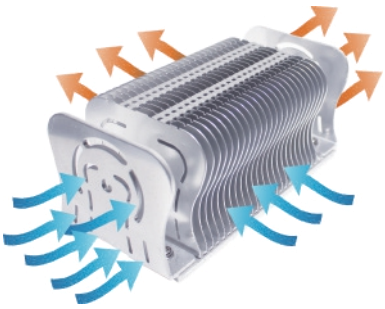


Arc bracket rotatable 360°



Module rotatable 90°

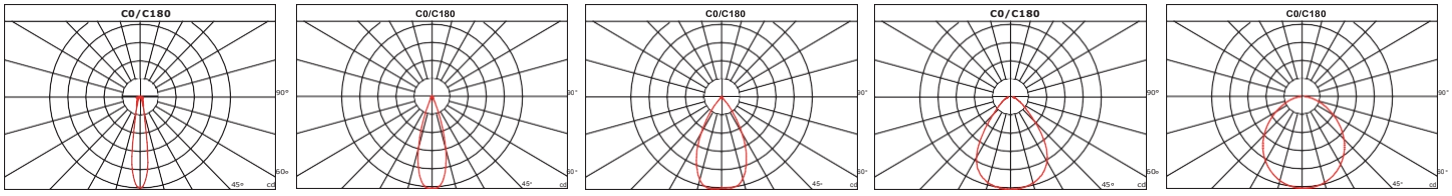




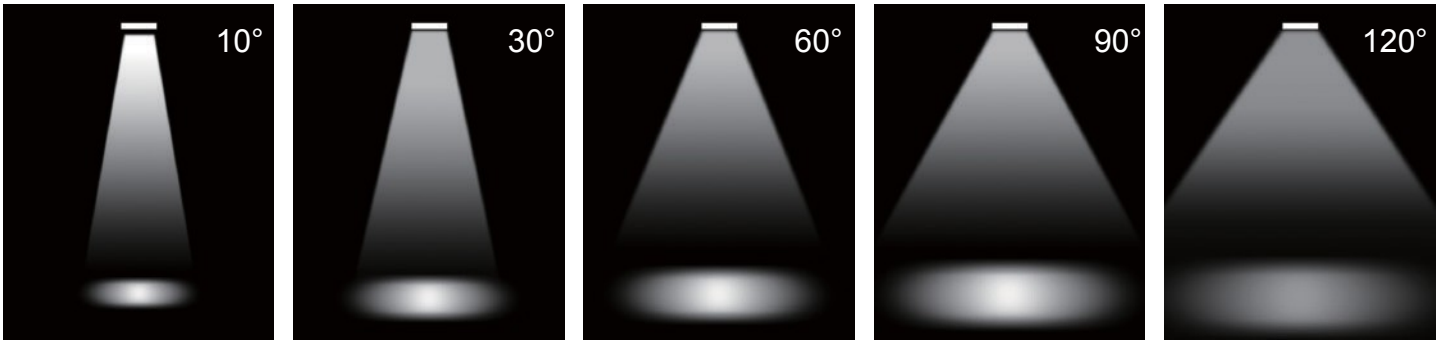
- **Ultra Lightweight**
- **Highly Efficient Heat Dissipation**
- **Multiway Air Flow+ Aluminum Cooling Fin**

Application

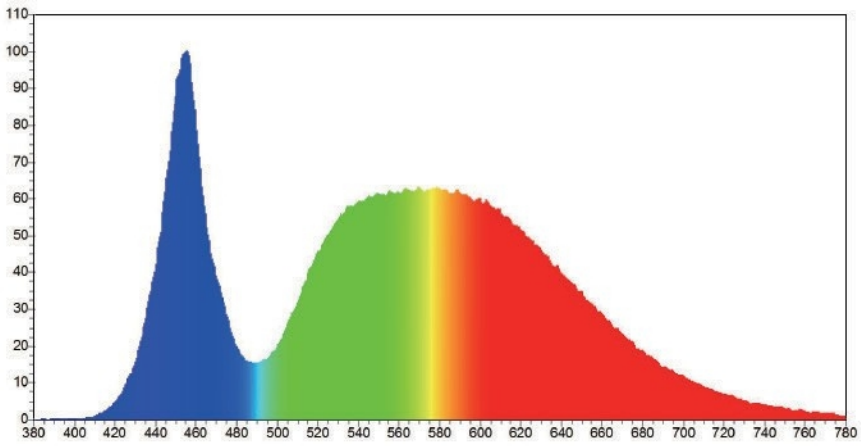
Light Distribution Curve



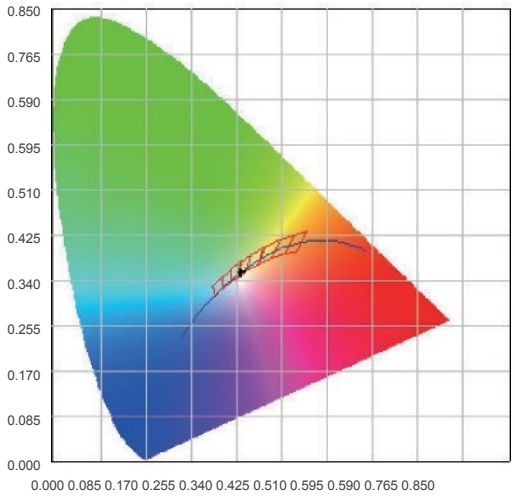
10° 30° 60° 90° 120°



Intergrating sphere test report Sunview-SF-400-200W-5000K

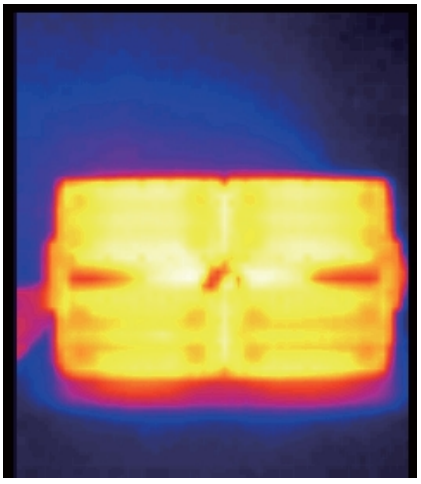


Wavelength/nm

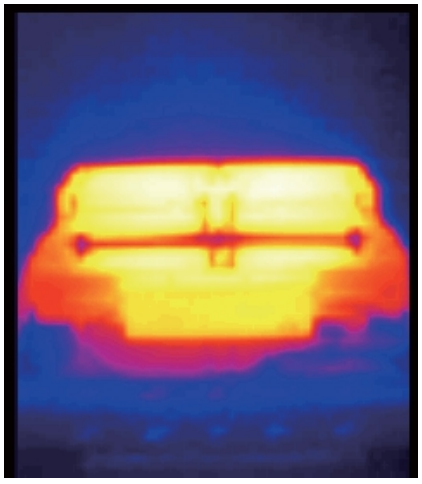


Spectrum		Electrical		
WD:	574.0 nm	I(test):	972.0 mA	
WP:	456.0 nm	V:	215.20 V	
HW:	25.0 nm	Flux:	32366.0105 lm	
R%:	31.3	P:	158.269 lm/w	
G%:	43.1	P:	204.500 w	
B%:	25.6	PF:	0.9740	
CIE(x,y):	0.3514， 0.3586	R1: 80.6	R2: 85.5	R3: 85.3
CIE(u,v):	0.2130， 0.3260	R4: 79.4	R5: 78.5	R6: 76.7
Ra:	80.5	R7: 87.0	R8: 71.0	R9: 18.6
DUV:	0.0010	R10: 60.7	R11: 76.5	R12: 43.1
CCT:	4797 K	R13: 81.0	R14: 91.0	R15: 78.7

Temperature Rising Report

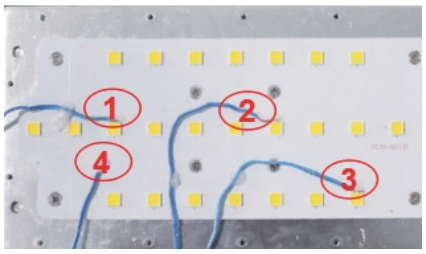


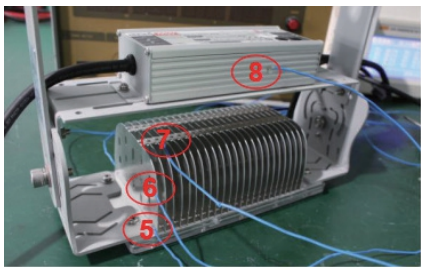
Luminous surface

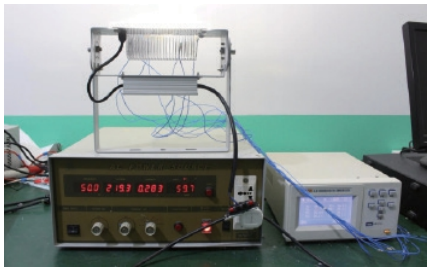


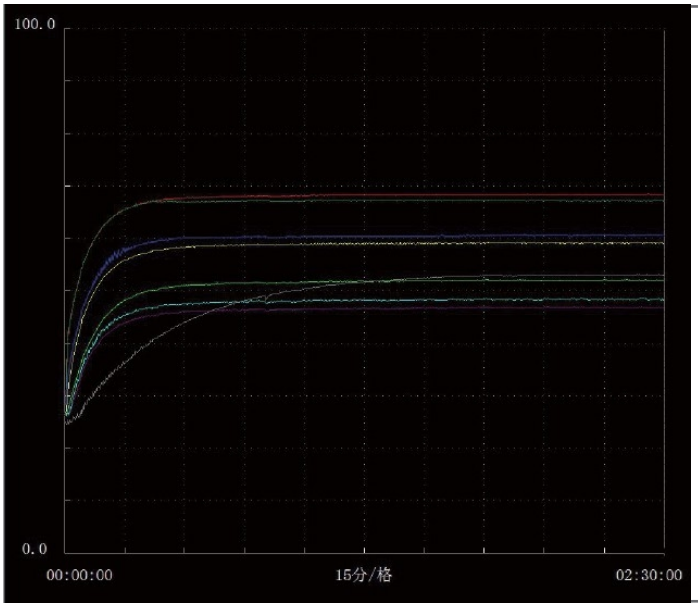
Back

Overlook









- CH1 TJ
- CH2 TJ
- CH3 TJ
- CH4 PCB Board
- CH5 Heat Sink
- CH6 Heat Sink
- CH7 Heat Sink
- CH8 LED Driver

TIME(min)	0:00:00	0:30:00	1:00:00	1:30:00	2:00:00
CH1 TJ	29	58.7	59.6	60.0	60.0
CH2 TJ	29	53.0	53.8	54.1	54.2
CH3 TJ	29	62.5	63.1	63.3	63.4
CH4 PCB Board	29	53.9	54.6	54.8	54.9
CH5 Heat Sink	29	50.7	51.5	51.9	52.1
CH6 Heat Sink	29	46.1	46.7	47.1	47.5
CH7 Heat Sink	26	45.4	46.0	46.3	46.5
CH8 LED Driver	29	37.3	40.8	41.9	42.2

Test

Salt Spray Test

The heat sink processed by oxidization and powder spraying so that it has good corrosion resistance.

UV Aging Test

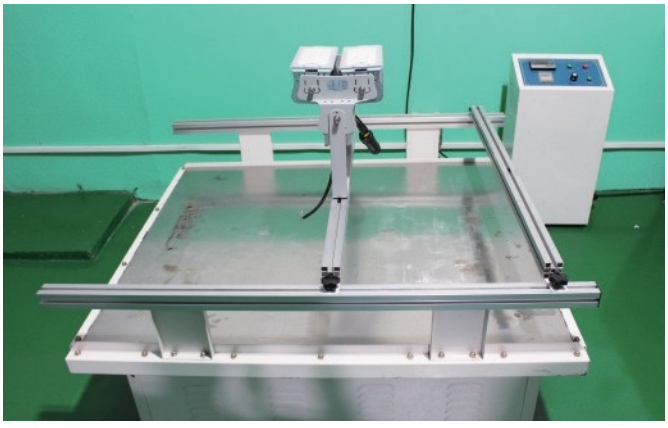
The test time is about 1440 hours. After test the lamp working regularly , no discoloration appearance , no yellowing of the pc lens , no rust of the support.

Waterproof Test

Every lamp will be tested the water-proof at least 2 hours before shipment. The semiautomatic test line make it very efficient to shorten lead time.

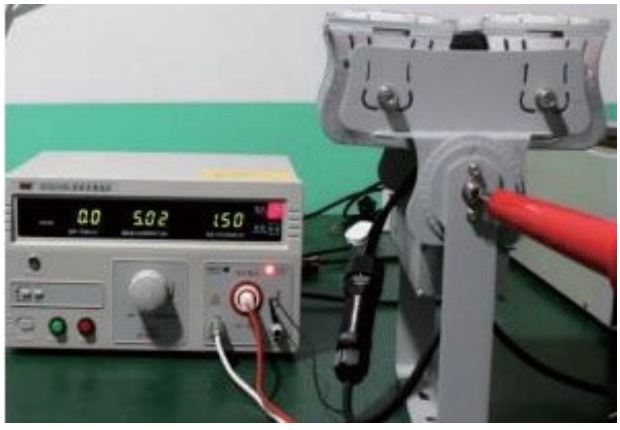
High-Low Temperature Test

The Test equipment opening 2hours, keeping temperature<-40°C, the lamp working fine. The Test equipment opening 4hours, keeping temperature>60°C, the lamp keep working fine.



Vibration Test

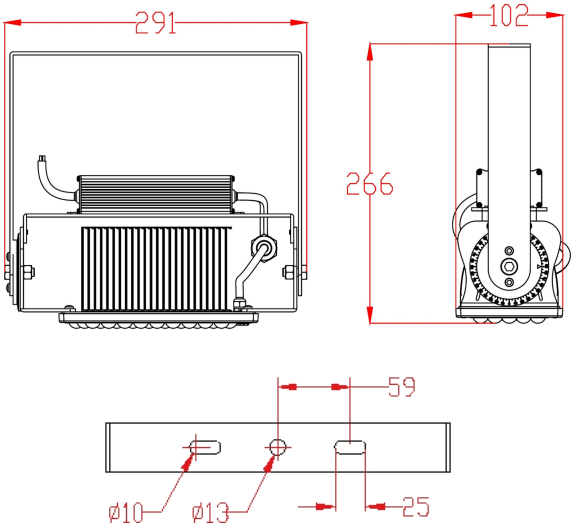
Vibration test is a simulation of various vibration condition including Transportation, Installation and Using , to ensure whether products can withstand or not.



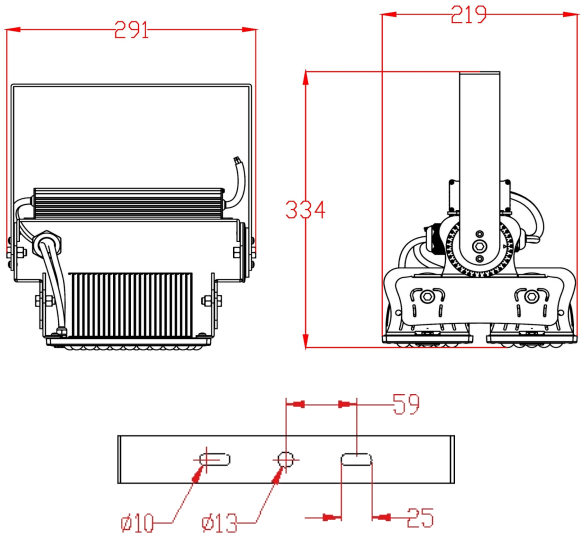
Withstand Voltage Test

Testing whether the withstand voltage is within the specified value, to avoid sudden voltage surges such as short circuit, operation error, fault, etc, causing breakdown or accidents.

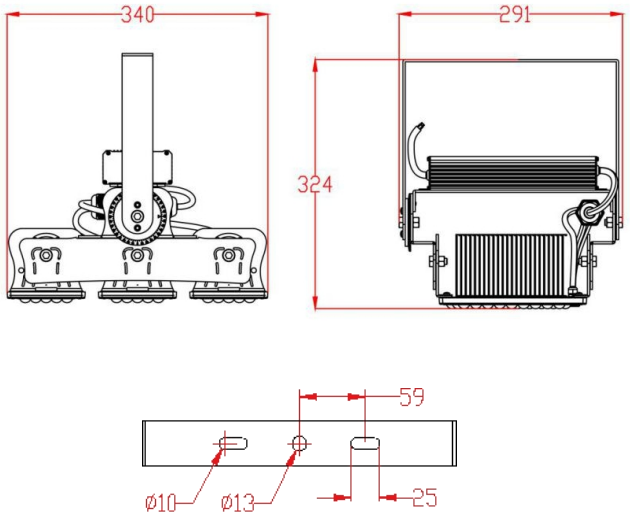
60/100W



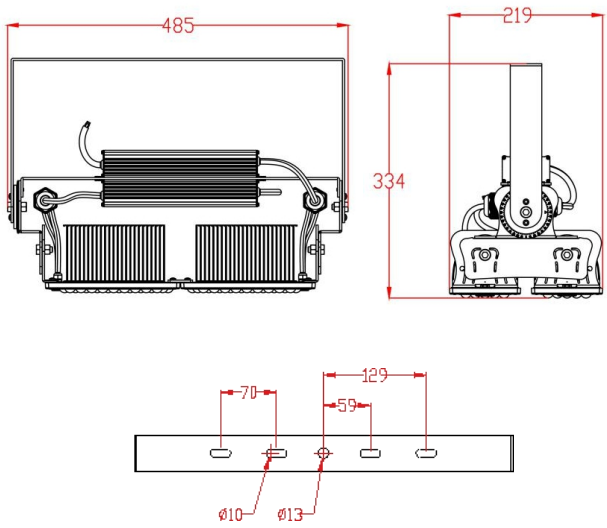
120/200W



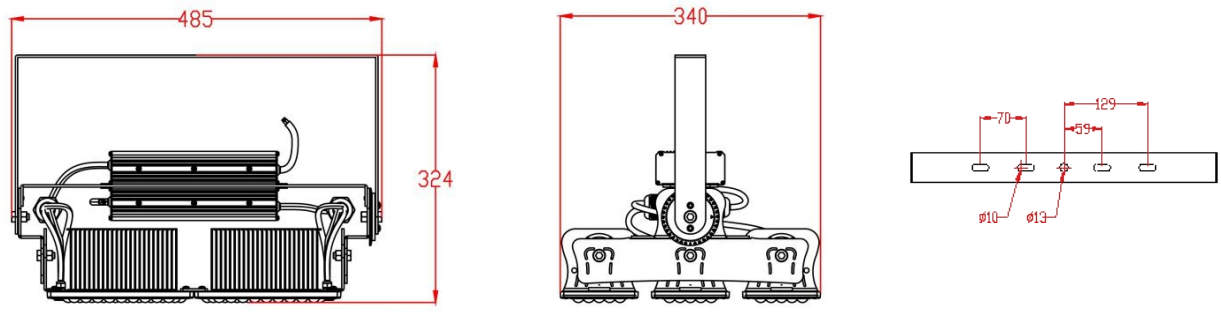
180/300W

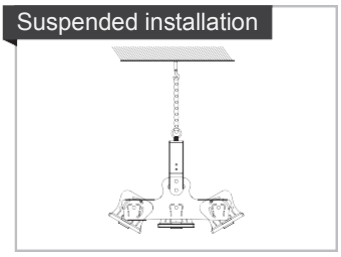


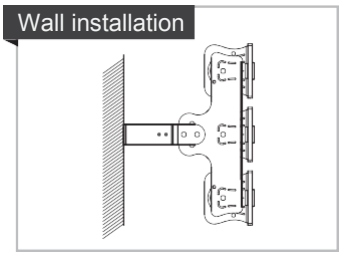
240/400W

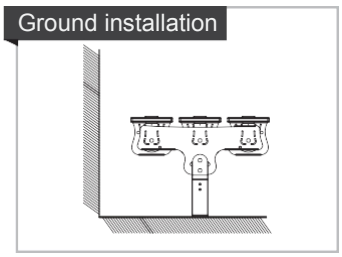


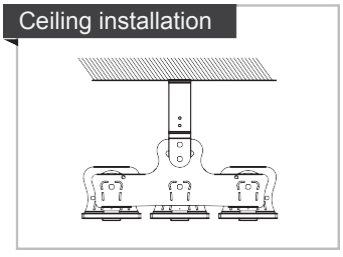
360/600W



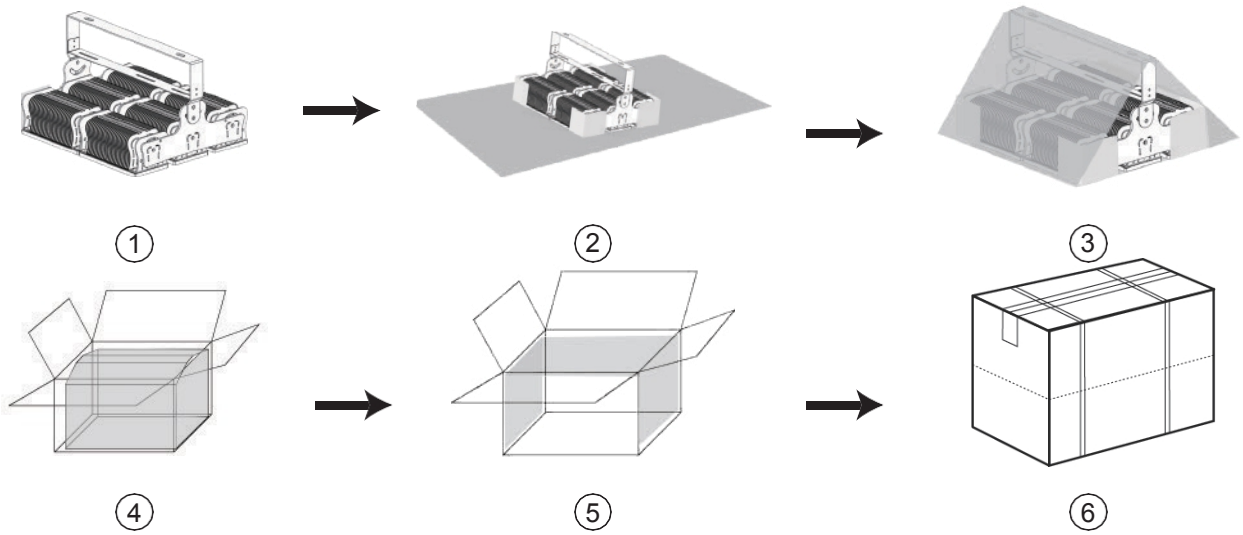








Packaging



Model	Size of Box	Gross Weight	Size of Carton	Gross Carton	Box Quantity /Carton
SF-400A-100W	32*13*29cm	3.5KG±5%	72*36*65cm	34.3KG±5%	10
SF-400A-200W	30*25*33cm	5.1KG±5%	53*34*72cm	21.5 KG±5%	4
SF-400A-300W	41*34*23cm	6.7KG±5%	69*44*52cm	30.0KG±5%	4
SF-400A-400W	52*25*34cm	7.8KG±5%	55*53*38cm	18.7KG±5%	2
SF-400A-600W	54*42*25cm	11.9KG±5%	55*44*59cm	25.2KG±5%	2
SF-400B-60W	34*14*31cm	2.8KG±5%	72*36*65cm	30.5KG±5%	10
SF-400B-120W	32*26*36m	4.7KG±5%	53*34*73cm	19.1KG±5%	4
SF-400B-180W	41*34*25cm	5.7KG±5%	69*44*52cm	23.4KG±5%	4
SF-400B-240W	53*26*34cm	6.6KG±5%	55*53*38cm	15.5KG±5%	2
SF-400B-360W	54*41*25cm	9.9KG±5%	55*44*59cm	22.5KG±5%	2

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LED Lighting Solutions