

Sunview Led

Innovative LED Light Manufacturer

Next Gen Stadium Led SF-500



165LM/W

Sunview Led, LLC

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RoHS



Parameter

WATTAGE	480/720/960/1200/1440W
LIGHT SOURCE	LUMILEDS
LED QUANTITY	62LEDS EACH MODULE
DRIVER	MEANWELL
LAMP LUMINOUS FLUX	165LM/W±5%(60°/90°/120°) 155LM/W±5%(30°) 120LM/W±5%(10°)
CRI	Ra>70
CCT	2700-6500K
RATED VOLTAGE	AC 90-305V , 50/60Hz
POWER FACTOR	>0.95
BEAM ANGLE	10°/30°/60°/90°/120°
IP GRADE	IP66
HEAT-SINK	ALUMINIUM COOLING FIN
OPERATING TEMP	-40℃~60℃



480W
79,200LM
12.0kg±5%
248PCS LED
536×165×579mm



720W
118,800LM
15.8kg±5%
372PCS LED
691×202×579mm



960W
158,400LM
19.9kg±5%
496PCS LED
846×202×579mm



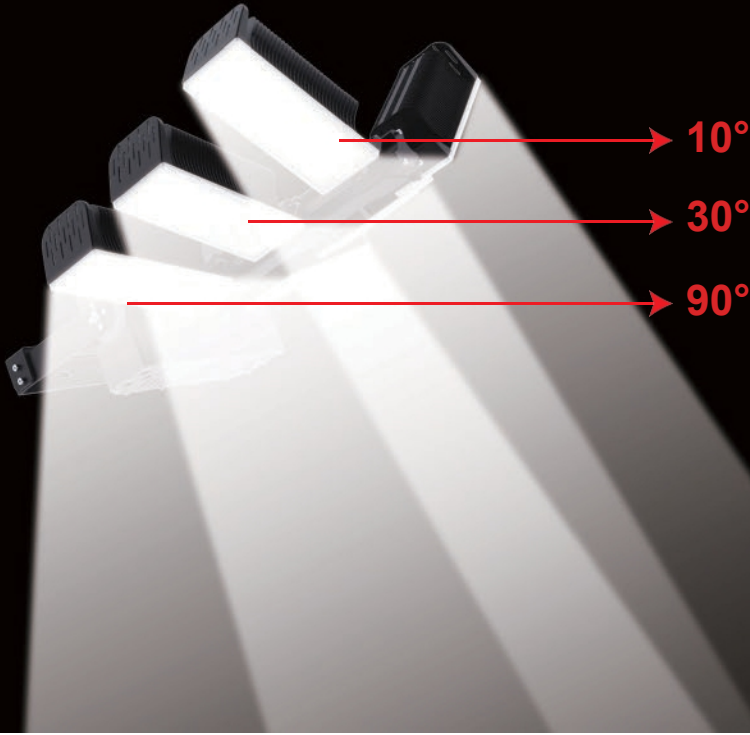
1200W
198,000LM
24.2kg±5%
620PCS LED
1001×277×579mm



1440W
237,600LM
26.5kg±5%
744PCS LED
1156×277×579mm

Professional Light Distribution

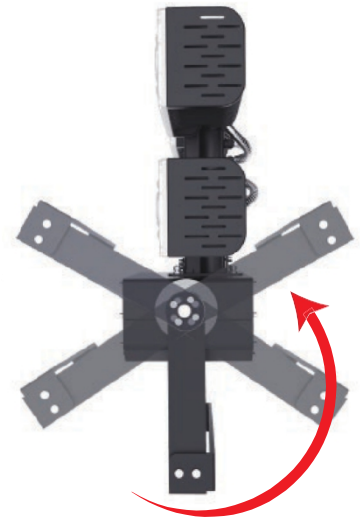
Multiple optical lens choices are available with angles including 10°/30°/60°/90°/120° to meet the requirements for professional light distribution and an extensive scope of applications.



Module rotatable 360°



Module rotatable 140°

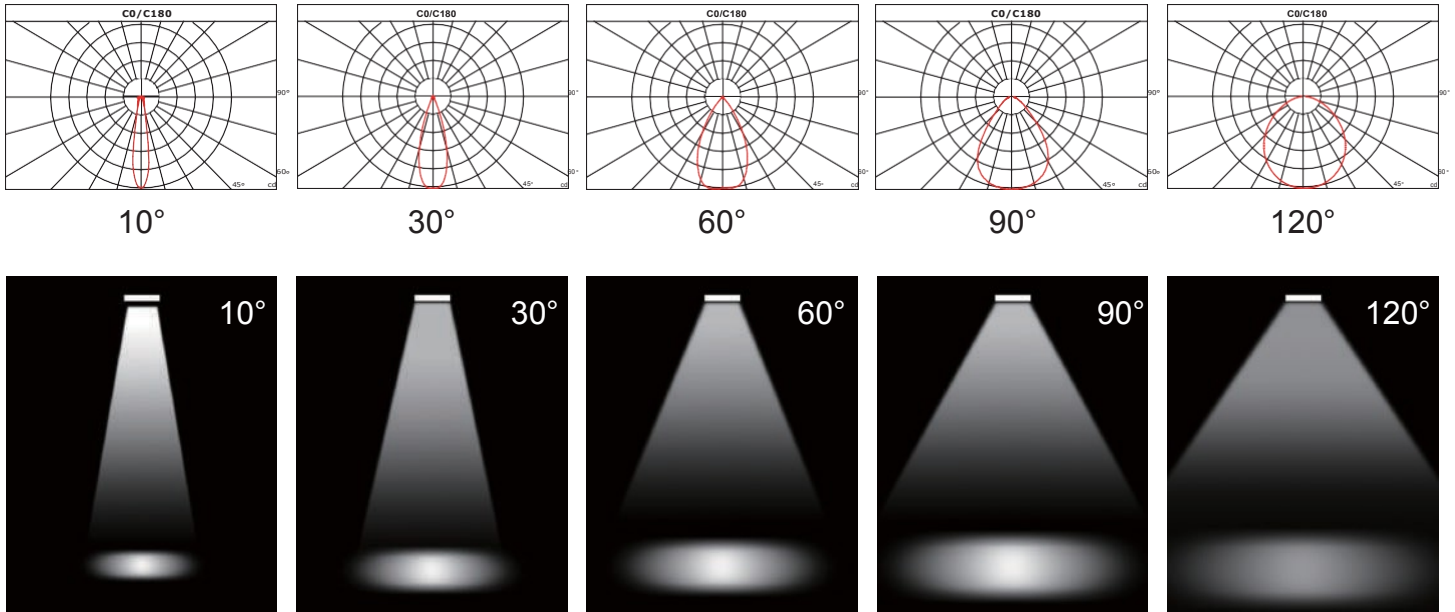


Arc bracket rotatable 250°

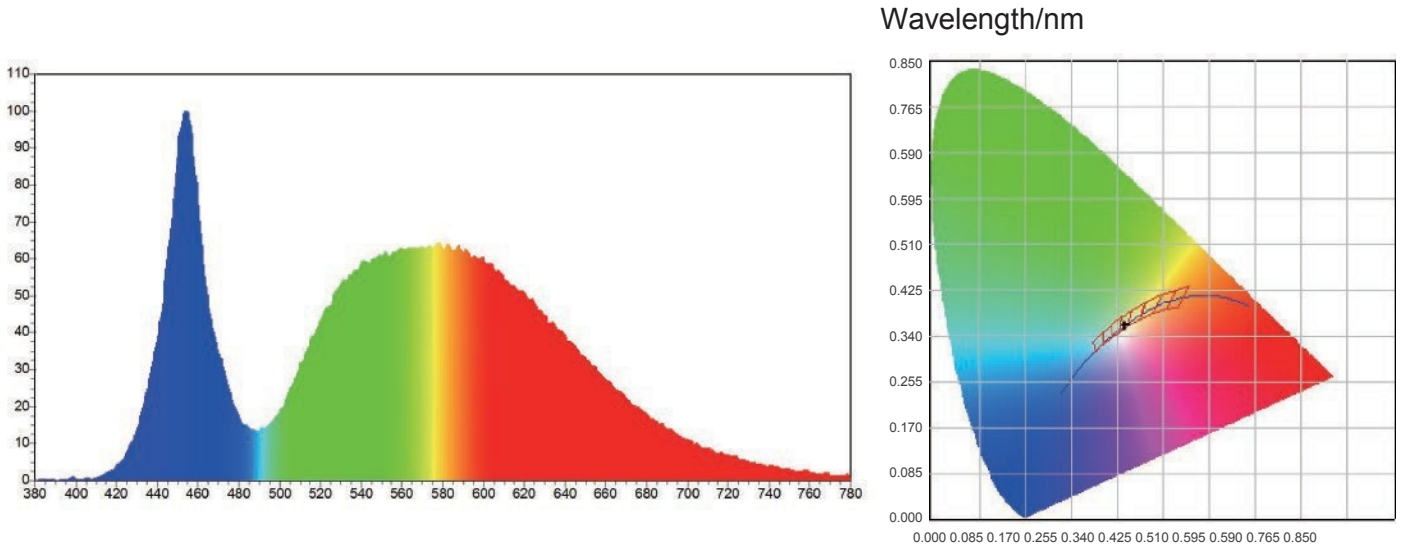
Original angle scale design



Light Distribution Curve



Integrating sphere test report SF-500-120W-5000K

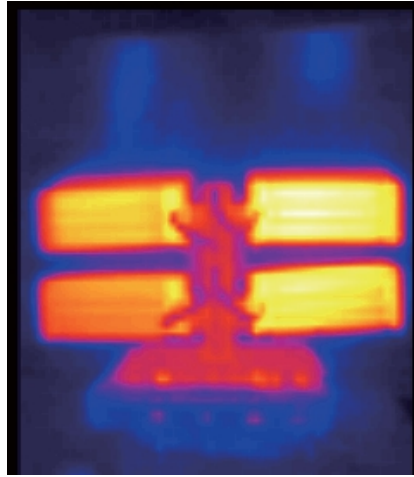


Spectrum		Electrical			
WD:	567.8 nm	I(test):	552.4 mA		
WP:	450.6nm	V:	219.60 V		
HW:	20.0nm	Flux:	19976.37 lm		
R%:	28.7	P:	164.550 lm/w		
G%:	44.2	P:	121.400 w		
B%:	37.1	PF:	0.9750		
CIE(x,y):	0.3435 , 0.3585	R1:	R2: 81.0	R3: 79.2	
CIE(u,v):	0.2077 , 0.3252	R4:	R5: 75.3	R6: 69.6	
Ra:	76.1	R7:	R8: 68.0	R9: 5.9	
DUV:	0.0041	R10:	R11: 77.0	R12: 41.6	
CCT:	5082 K	R13:	R14: 87.5	R15: 76.5	

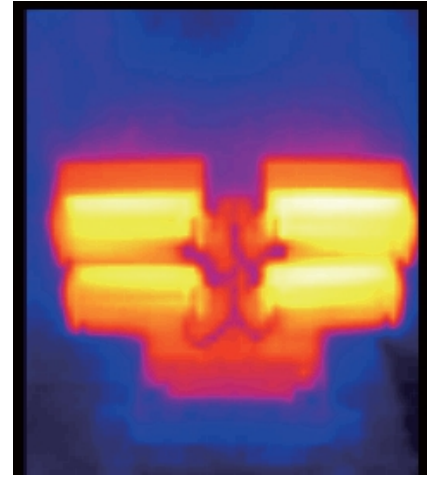
Temperature Rising Report



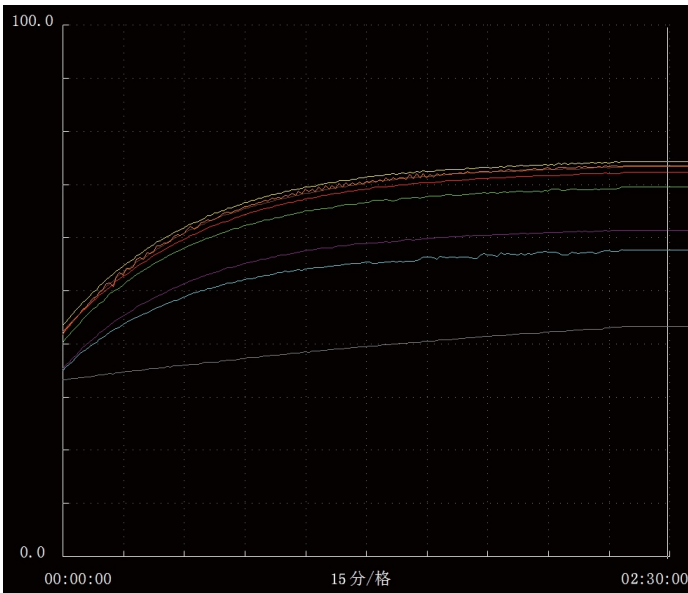
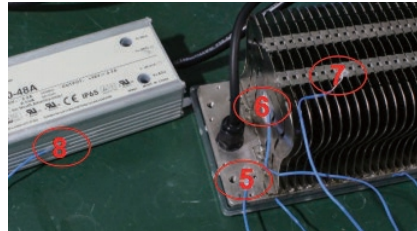
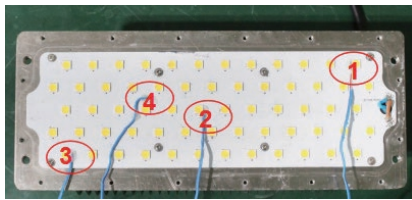
Luminous surface



Back



Overlook



- █ CH1 LED
- █ CH2 LED
- █ CH3 LED
- █ CH4 PCB Boar
- █ 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 LED	30.2	73.3	74.8	75.1	75.3
CH2 LED	30.3	72.5	73.5	74.4	74.6
CH3 LED	30.2	73.4	74.5	75.0	75.8
CH4 PCB Board	30.4	73.8	75.4	76.1	76.5
CH5 Heat sink	30.6	70.2	71.2	71.8	72.0
CH6 Heat sink	30.5	56.6	57.8	58.3	58.5
CH7 Heat sink	30.6	61.4	62.5	63.0	63.1
CH8 LED Driver	30.4	48.6	49.2	50.2	50.4

Test



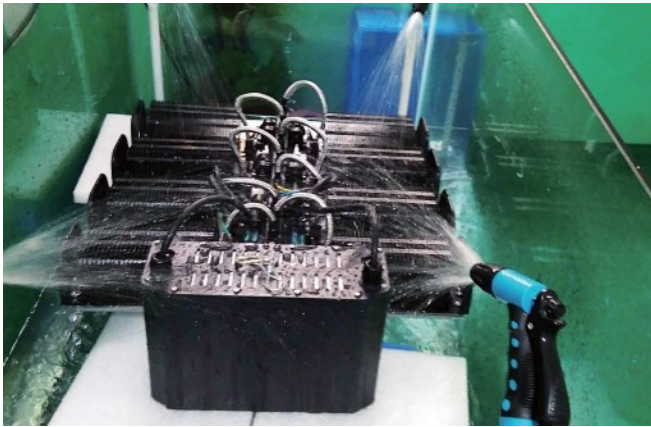
Salt Spray Test

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.



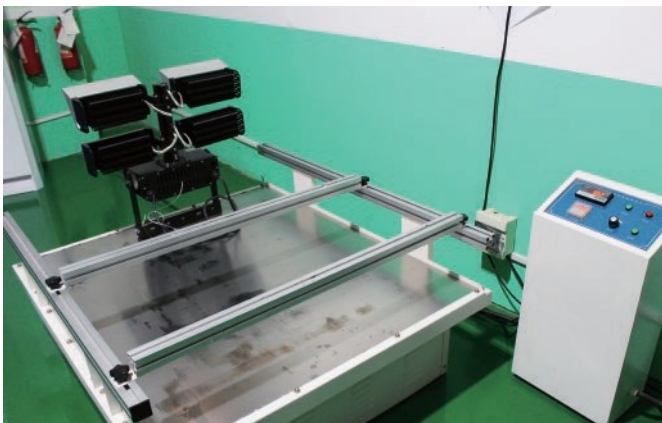
Waterproof Test

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.



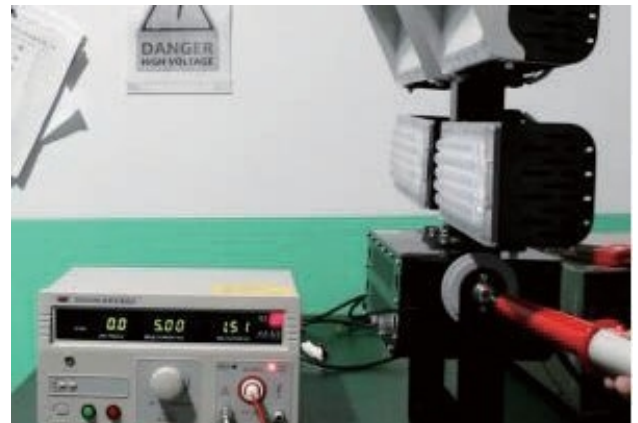
High-Low Temperature Test

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



Vibration Test

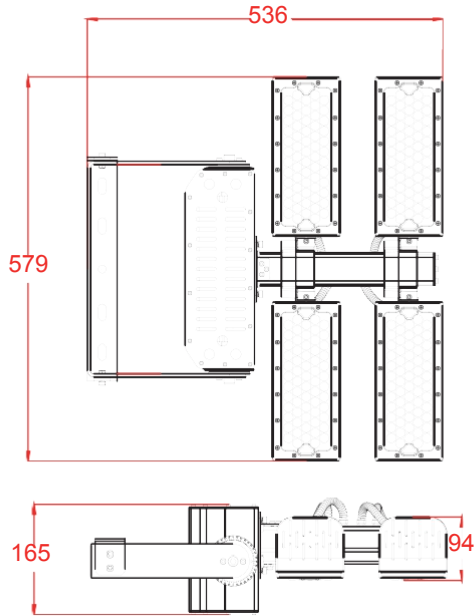
Vibration test is a simulation of various vibration condition including Transportation, Installation and Using , to ensure whether products can withstand or not.



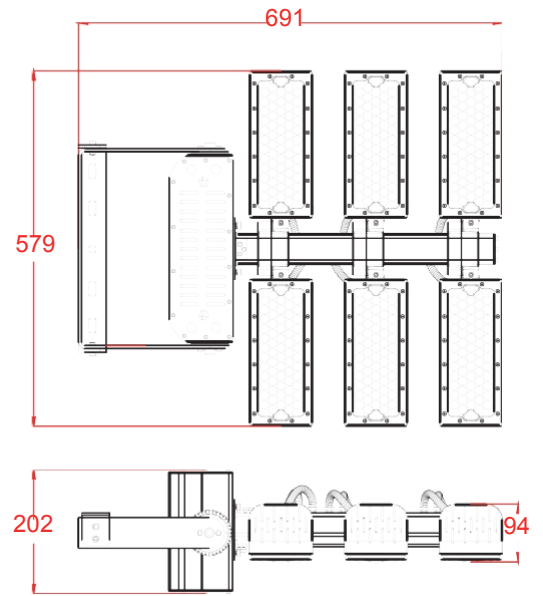
Withstand Voltage Test

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.

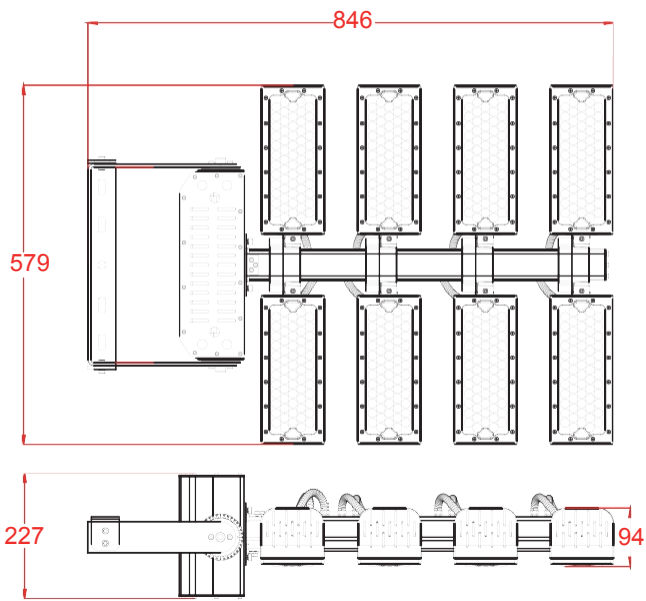
480W



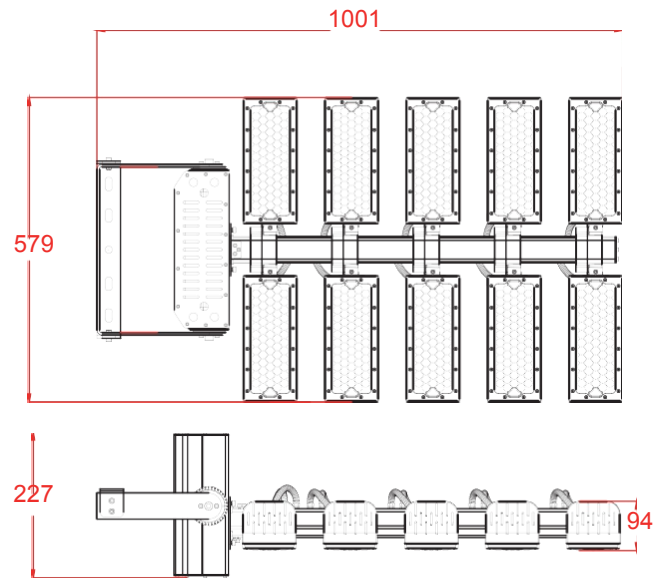
720W



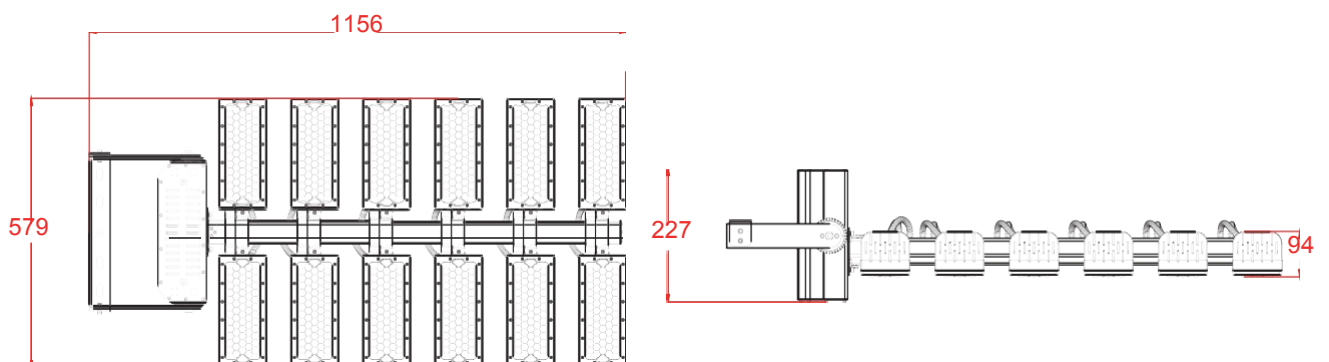
960W

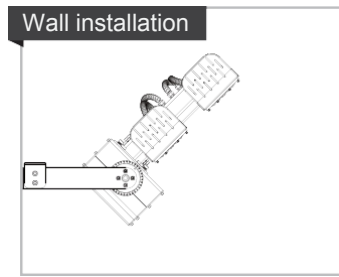
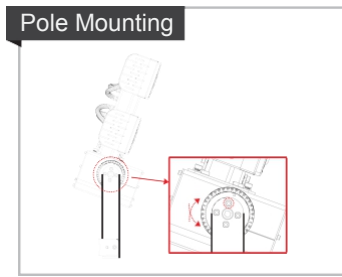


1200W



1440W





Application



Packaging



①



②



③



④



⑤



⑥

Model	Size of Carton	Gross Weight of Carton	Box PCS /Carton
SF-500-480W	68*49*38cm	16KG	1
SF-500-720W	70.5*64*38cm	21KG	1
SF-500-960W	80*67.5*38cm	26KG	1
SF-500-1200W	95*68*40cm	31KG	1
SF-500-1440W	108*68*40cm	36KG	1