

SPORTS FIELD



HIGH MAST LIGHT



FACTORY



BILLBOARD

Led & Led ● ● ●
Leader in Led solutions



100W

16,000LM
48PCS LED
2.8kg ± 5%



200W

32,000LM
96PCS LED
4.1kg ± 5%



300W

48,000LM
144PCS LED
5.6kg ± 5%



400W

64,000LM
192PCS LED
7.0kg ± 5%



600W

96,000LM
288PCS LED
9.7kg ± 5%

Parameter

➤ WATTAGE	100/200/300/400/600W
➤ LIGHT SOURCE	LUMILEDS
➤ LED QUANTITY	48 LEDS EACH MODULE
➤ DRIVER	MEANWELL
➤ LAMP LUMINOUS FLUX	160LM/W±5%(60°/90°/120°) 150LM/W±5%(15°/30°)
➤ CRI	Ra>70
➤ CCT	2700-6500K
➤ RATED VOLTAGE	AC 90-305V, 50/60Hz
➤ POWER FACTOR	>0.95
➤ BEAM ANGLE	15°/30°/60°/90°/120°
➤ IP GRADE	IP65
➤ HEAT SINK	ALUMINUM COOLING FIN
➤ OPERATING TEMP	-40℃~60℃

Features



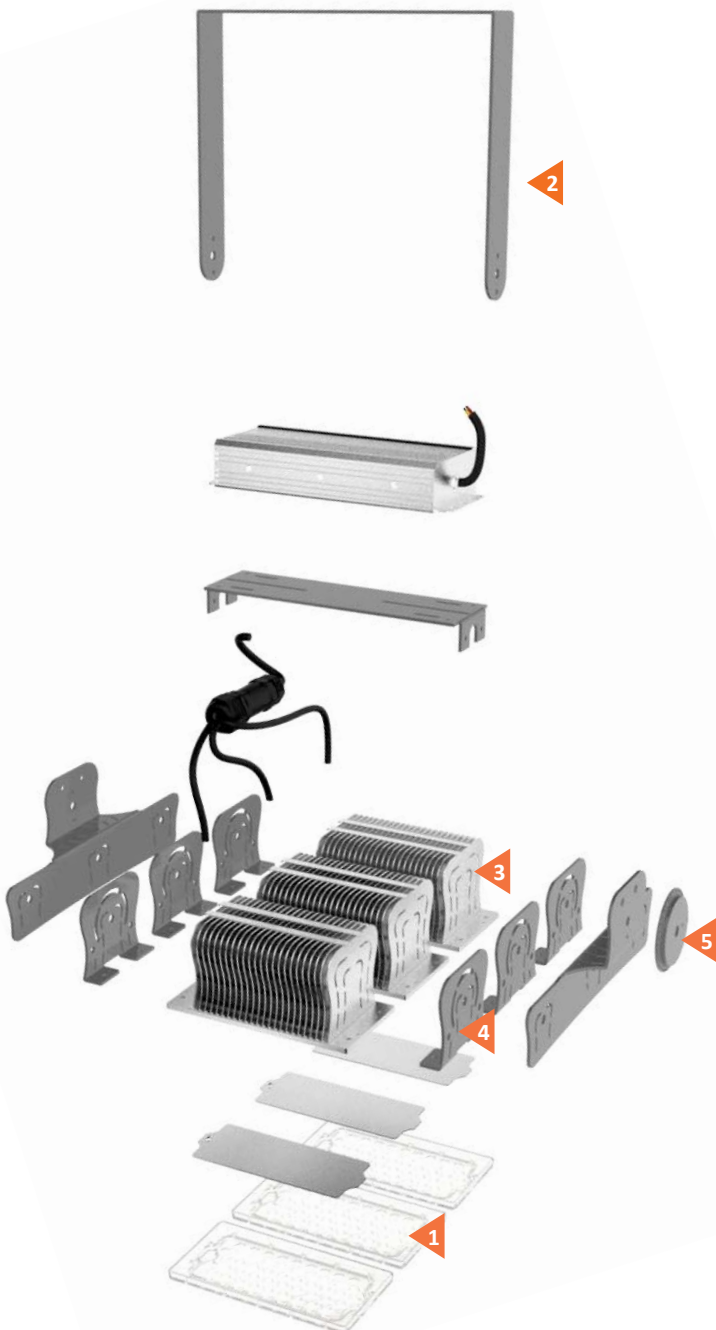
1 Interchangeable Optical Lenses



2 360° Rotatable Holder



3 High Efficient Heatsink



4 Laser Scale Design



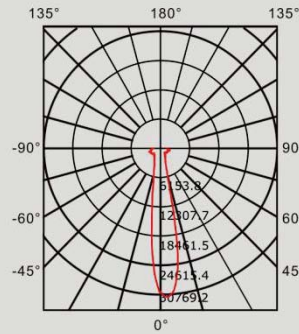
5 Original Angle Scale Plate

Professional Light Distribution

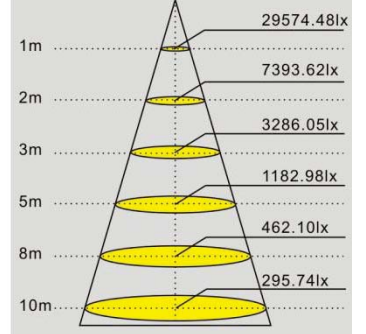
Multiple optical lens choices are available with angles including 15° /30°/60°/90° /120° to meet the requirements for professional light distribution and an extensive scope of applications.



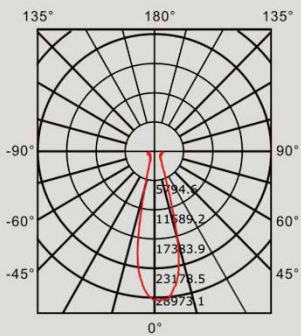
Light distribution curve



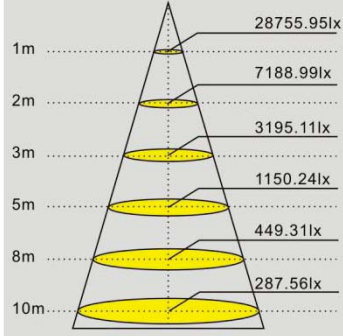
Illumination curve



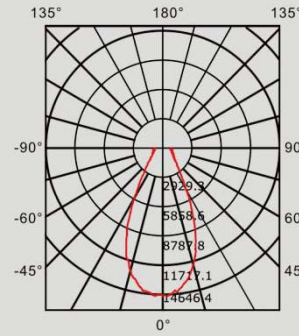
Light distribution curve



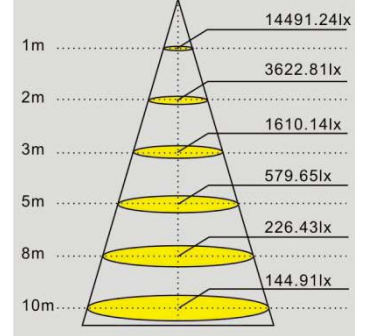
Illumination curve



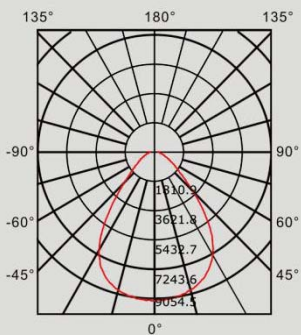
Light distribution curve



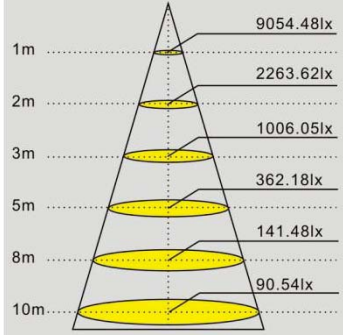
Illumination curve



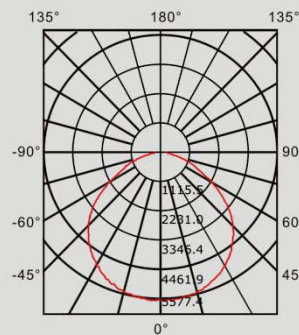
Light distribution curve



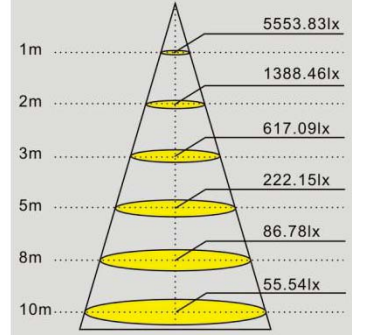
Illumination curve



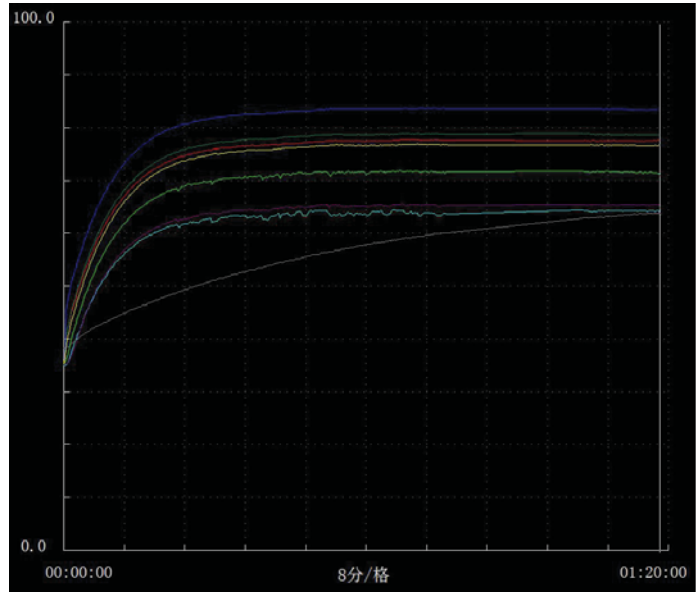
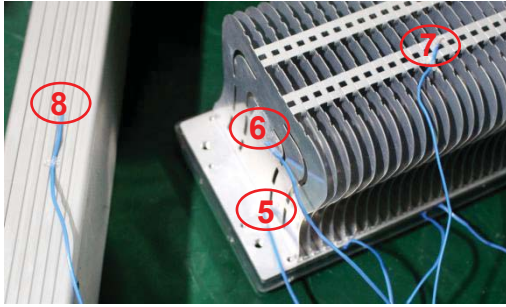
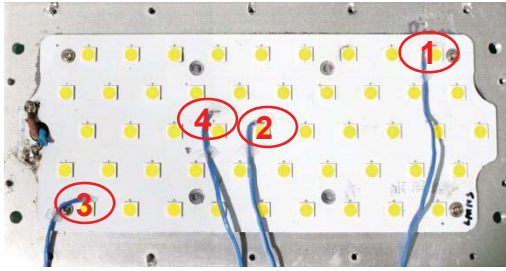
Light distribution curve



Illumination curve

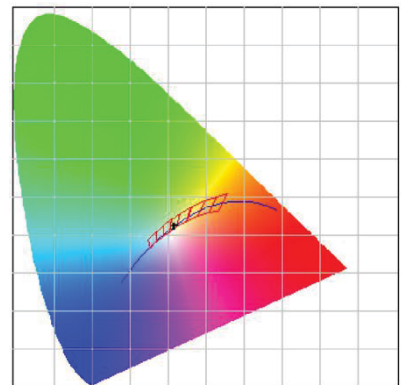
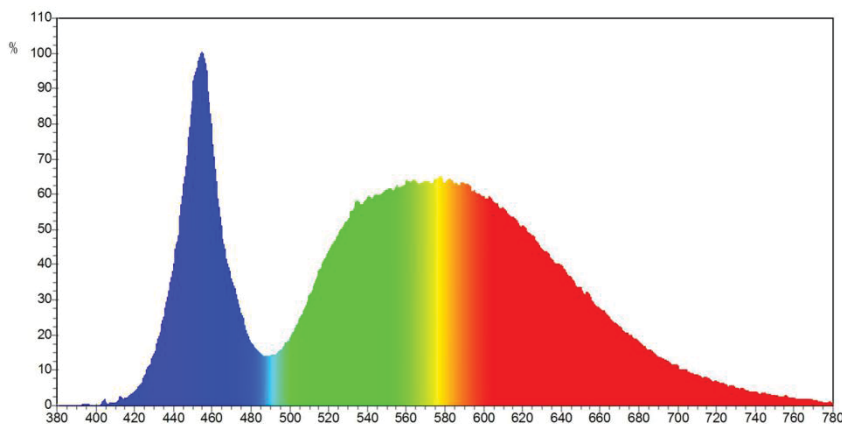


Temperature Rise Test 100W



Test Point	Time(min)	00:00:00	00:30:00	01:00:00	01:30:00	02:00:00	02:30:00
CH1 LED		34.2	67.2	77.5	77.7	78.1	77.7
CH2 LED		35.1	67.9	78.8	78.9	78.8	78.8
CH3 LED		34.6	70.7	83.3	83.5	83.6	83.8
CH4 PCB Board		34.3	65.4	76.8	77.1	76.9	77.2
CH5 Heat sink		35.2	62.3	71.4	71.4	71.6	71.4
CH6 Heat sink		34.8	53.2	64.2	64.5	64.8	64.8
CH7 Heat sink		34.6	53.0	65.6	65.7	65.7	65.7
CH8 LED Driver		34.1	49.7	63.9	64.0	64.1	64.1

System test report 400W 5000K



Electrical parameters

Flux: 63876.5384 lm

P: 157.642 lm/w

P: 29591.06 mw

I: 1874.2 mA

V: 216.20 V

P: 405.200 w

PF: 0.9740

Test

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.



Salt Spray Test

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

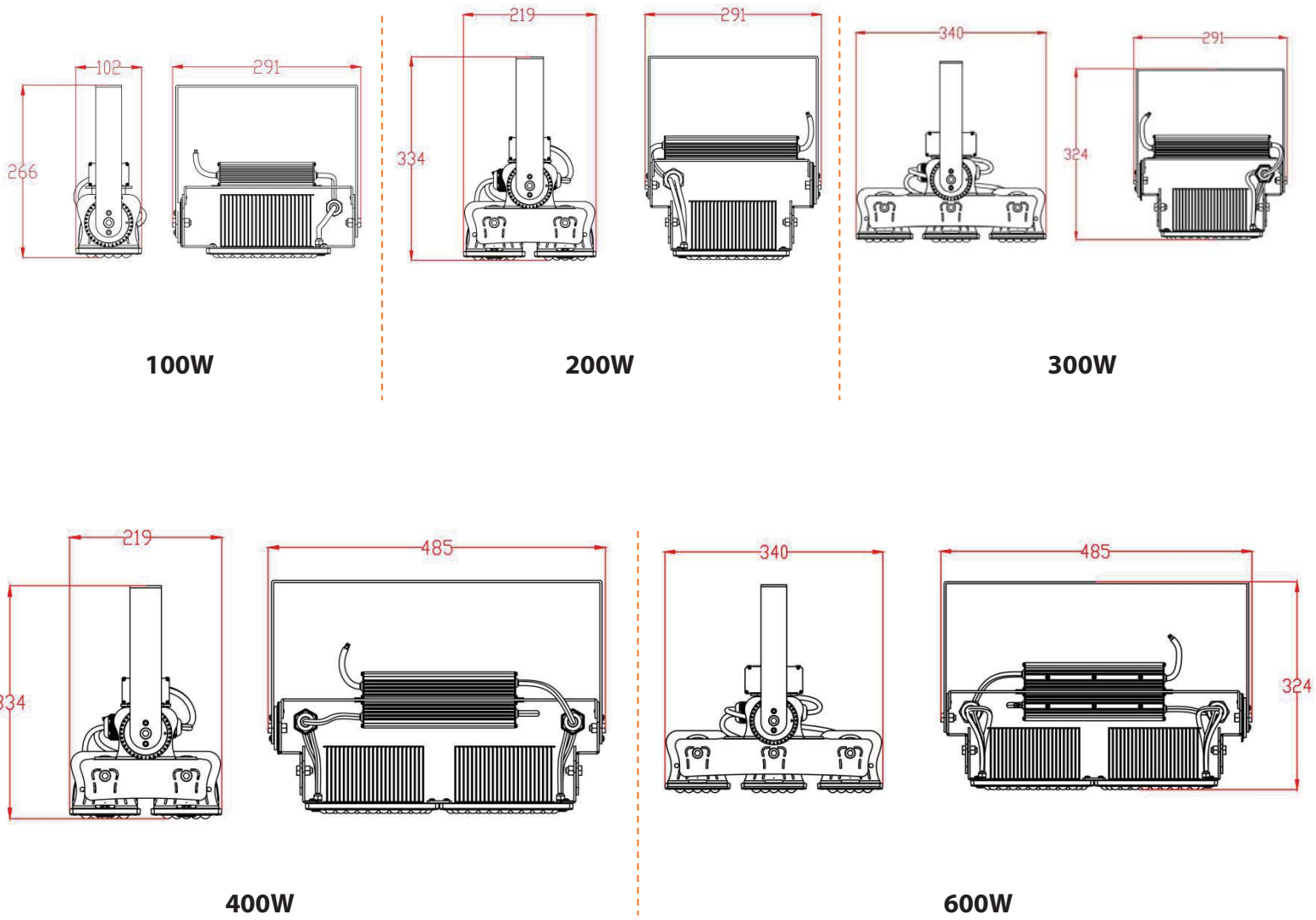


High-Low Temperature Testing

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.



Dimension



Packing

Model	Size of Box	Weight of Box	Size of Carton	Gross Weight of Carton	Box PCS /Carton
100W	33.5*14*30.5	3.3KG	72*35.5*63	34KG	10
200W	32*25.5*35.5	5.5KG	53*34*73	23KG	4
300W	41*33.5*24	6.7KG	70*43*50	27.8KG	4
400W	52.5*25.5*34	7.8KG	54.5*53*36	16.3KG	2
600W	54*41*24.5	11.2KG	56*43*51	23.2KG	2