

SZG325 high power led stadium floodlight



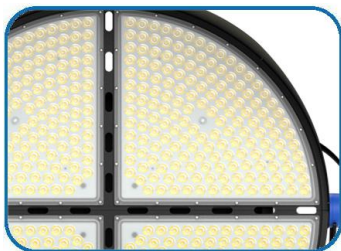
Applications:

- indoor and outdoor sports venues
- football field and golf course
- high pole lights: highway overpasses, urban road junctions, port terminal freight yards, highway service areas, oil depots and oil tanks, railway freight forwarders, lamp bridges and lighthouses, etc.
- industrial and mining enterprises large-scale plant, workshop, warehouse, equipment room, etc.
- city square, enterprise square
- driving, shore crane, gantry crane, etc.

Description of performances:

luminous efficiency for led	light efficacy for luminaire	energy efficiency rating of luminaire	energy saving rate @conventional lamp	Max. irradiation distance	led driver
210 lm/W	165 lm/W	Class 2	40%	1500 m	Inventronics led driver
power factor	surge lightning protection	total harmonic distortion	beam angle	shell material	IP protection
≥0.95	6000 V	≤10%	10°/30°/45°/60°	ADC12 die-cast aluminum	IP66

Product details:



high brightness 3030 led chip



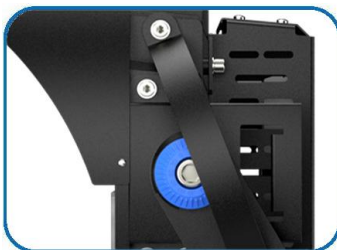
ADC12 die-cast aluminum housing



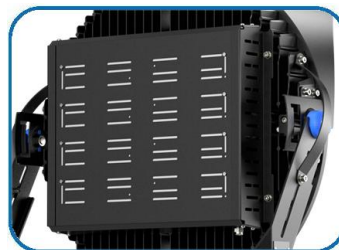
laser aiming and positioning



adjustable tilt

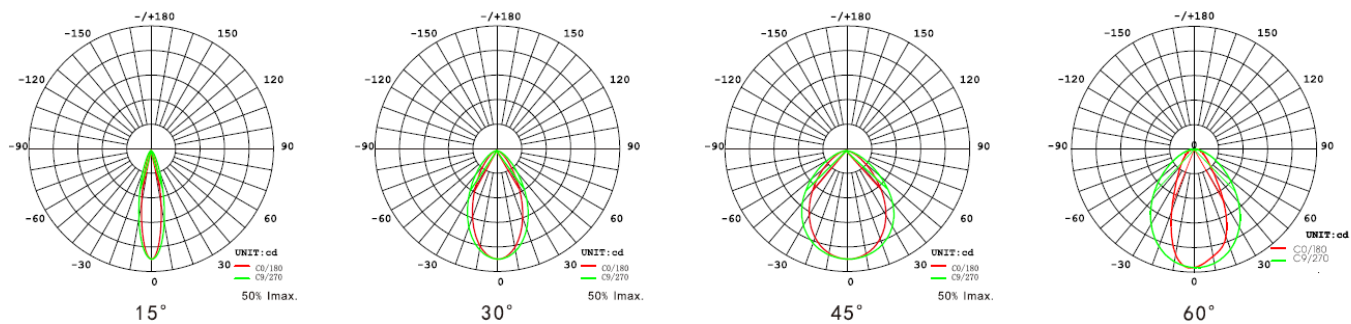


intercept cover (optional)



ventilation power box for fast heat dissipation

Light distribution curves:

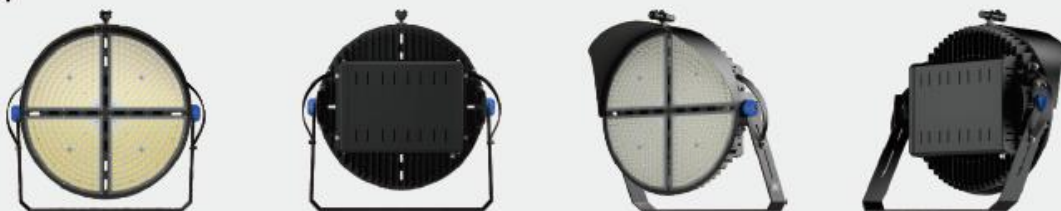


Product profiles:

600W



1200W



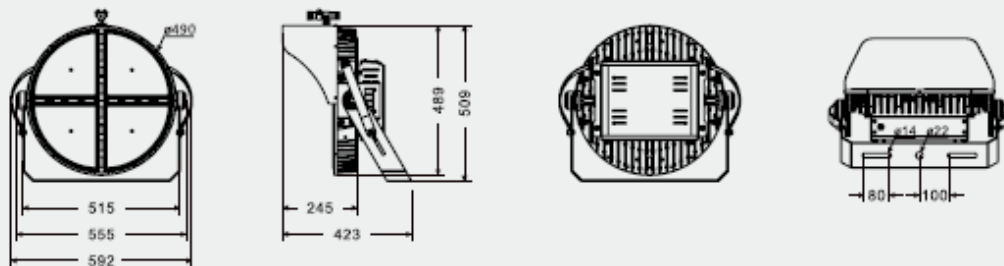
1800W



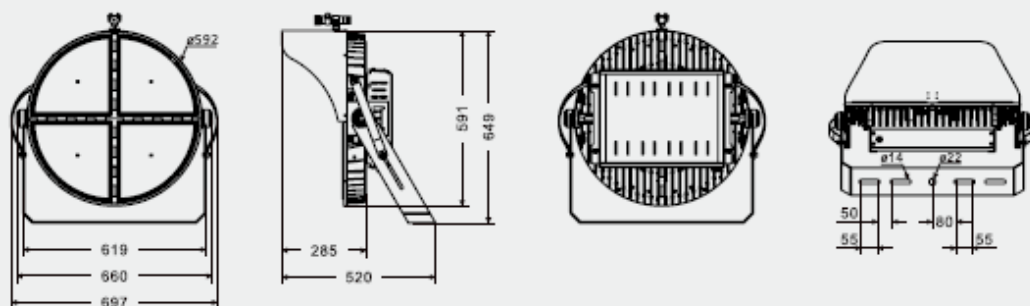


Product dimensions:

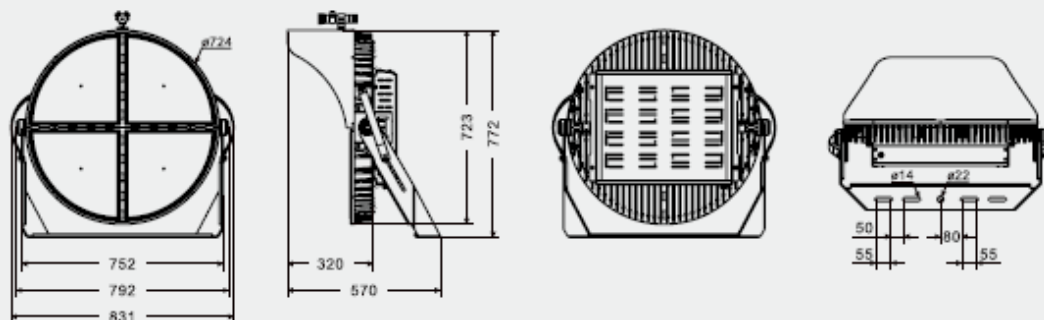
600W



1200W



1800W



Technical parameters:

Parameter items	600W	1200W	1800W
Input voltage (V)	90-305Vac	90-305Vac	90-305Vac
Power efficiency	≥90%	≥90%	≥90%
Power factor	≥0.95	≥0.95	≥0.95
Surge lightning protection (V)	6000	6000	6000
Total harmonic distortion	≤10%	≤10%	≤10%
Luminous efficiency for led (lm/W)	210	210	210
Light efficacy for luminaire (lm/W)	165	165	165
Energy efficiency rating of lamp	Class 2	Class 2	Class 2
Energy saving rate	35%	35%	35%
Total luminous flux for led (lm)	99000±5%	198000±5%	297000±5%
Correlated color temperature (K)	3000-6000	3000-6000	3000-6000
Color rendering index (Ra)	≥75	≥75	≥75
Beam angle (°)	10°/30°/45°/60°	10°/30°/45°/60°	10°/30°/45°/60°
LED lifespan (h)	≥100,000	≥100,000	≥100,000
Brand of LED driver	Inventronics/Trismart led driver	Inventronics/Trismart led driver	Inventronics/Trismart led driver
Installation mode of led driver	external	external	external
Working temperature (°C)	-35°C - +55°C	-35°C - +55°C	-35°C - +55°C
IP protection	IP66	IP66	IP66
Dimensions (mm)	592*509*423	697*649*520	831*772*570
Weight (Kg)	20	27	47
Mounting mode	U-bracket	U-bracket	U-bracket
Warranty	5 years	5 years	5 years

Note: 1. According to GB 30255-2026: the luminous efficacy of Class 1 energy-efficient luminaire is 170-180 lm/W; for Class 2, it is 145-155 lm/W; and for Class 3, it is 100-110 lm/W.

2. Energy saving rate is compared with the conventional luminaire of class 3 energy efficiency rating.

