



LED Flood Light

AFL06

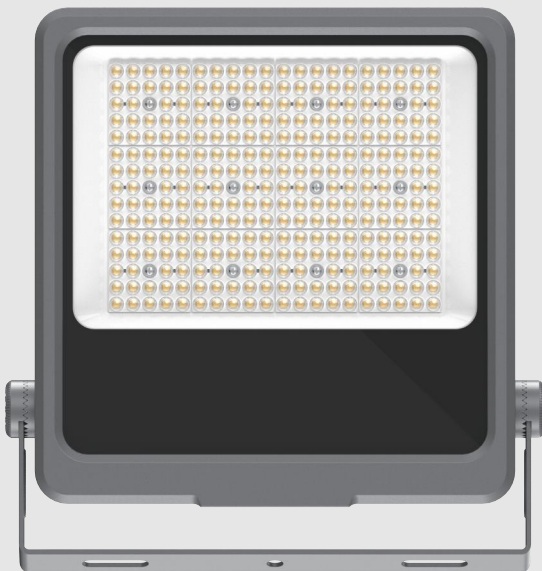
IP66

IK08

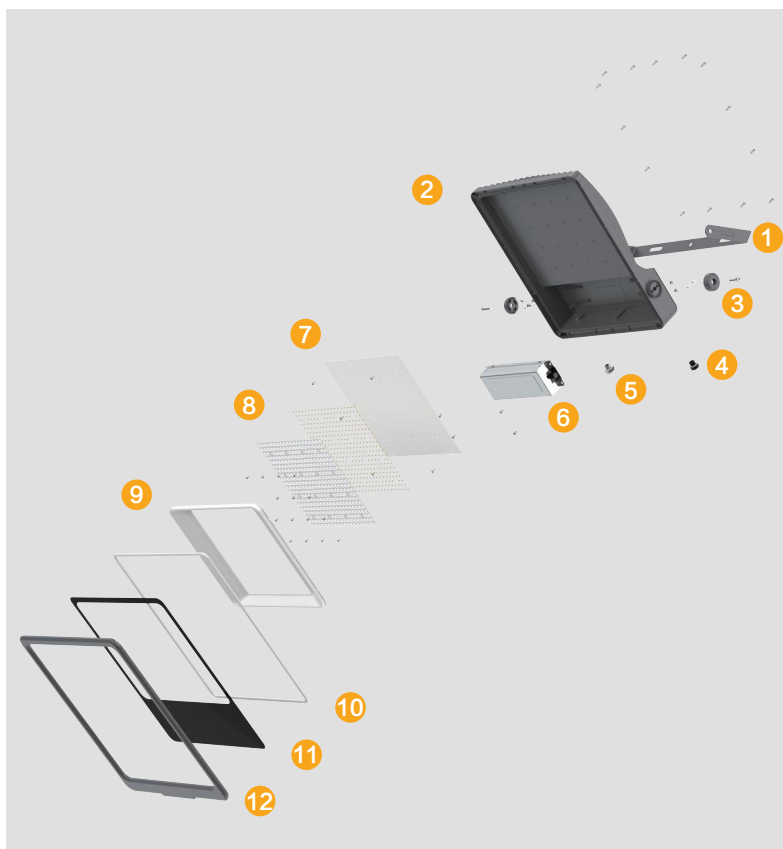
CE ErP

Advantages

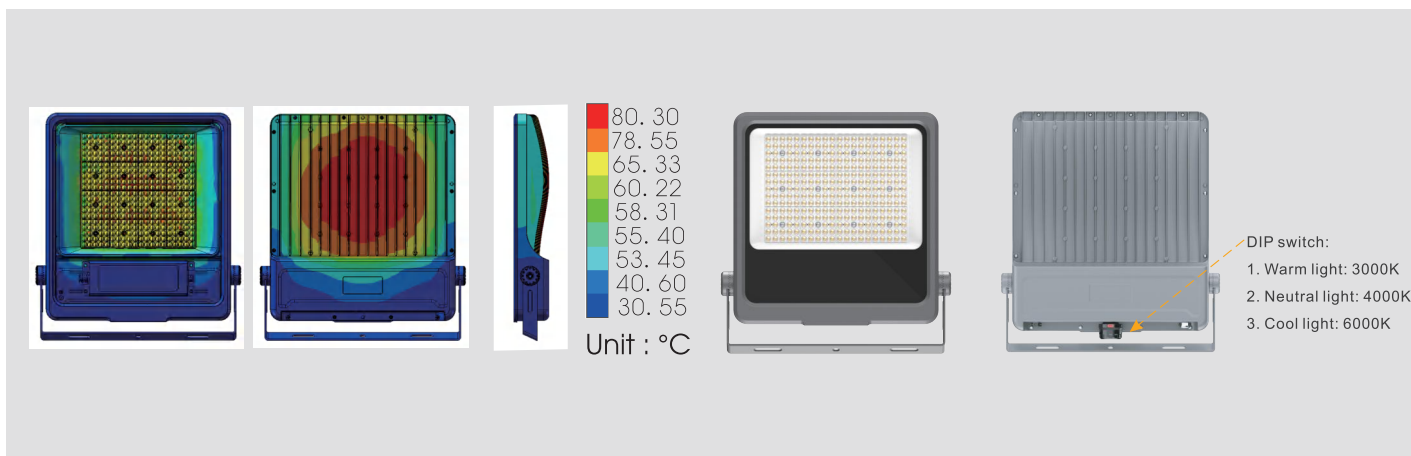
- Efficiency:180Lm/W
- Patent and private module, integrated aluminum die-casting body.
- Splicing lenses with optional angles
- Can use multiple modules in parallel



AFL06 not only uses ADC12 die-casting aluminum heat sink, but also adopts the most advanced finite element heat dissipation technology to control lamp temperature and maintain ultra-high lumen rate.



- 1 Iron bracket
- 2 ADC12 die-cast aluminum heat sink
- 3 Scale gear
- 4 Breathing valve heat dissipation
- 5 Waterproof gland
- 6 Driver
- 7 Highly thermal conductive aluminum PCB
- 8 3030 / 5050 SMD light source
- 9 UV-proof optical lens
- 10 Waterproof silicon gel
- 11 Tempered glass cover
- 12 Die-cast aluminum frame



Thermal Conductivity

Installation Diagram

Floor Installation



Ceiling Installation



Wall Suction Installation



Post Installation



AFL06 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD3030 SMD5050
Luminous Efficacy	180LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2700K-6500K
Beam Angle	30° 60° 90°
Number Of Leds	A:48 Pcs B:96 Pcs C:114 Pcs D:228 Pcs E:384 Pcs F:480 Pcs G:672 Pcs H:1080 Pcs
Life Time	100000 Hours

Electrical Parameters

Power A	30W
Power B	50W
Power C	100W
Power D	150W
Power E	200W
Power F	300W
Power G	400W
Power H	600W
Voltage	AC85-265V
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP65
IK Grade	IK08
SPD	10KV 20KV (Optional)

Driver

Brand	Philips Inventronics Sosen OEM
Power Factor	>0.90
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 15%

Materials and Properties

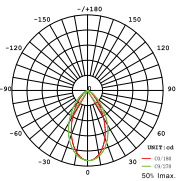
Material Of Shell	Aluminum (ADC12)
Material Of Lens	PC
Size 30W (mm)	193*187*50
Size 50W (mm)	231*278*50
Size 100W (mm)	253*290*56
Size 150W (mm)	326*342*56
Size 200W (mm)	365*402*62
Size 300W (mm)	430*438*62
Size 400W (mm)	500*438*66
Size 600W (mm)	602*534*66

Tested according to

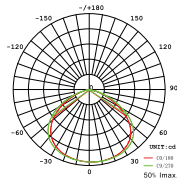
CE-LVD	EN 60598-2-3:2003 + A1:2011 EN IEC 60598-1:2021 EN 62471:2008 EN 62493:2015
CE-EMC	EN 55015:2013+A1:2015 EN 61547:2009 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical Photometric Features

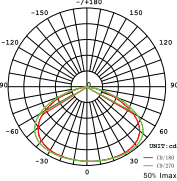
30°



60°



90°



Product Size

