LED **Flood Light**

AFL 70

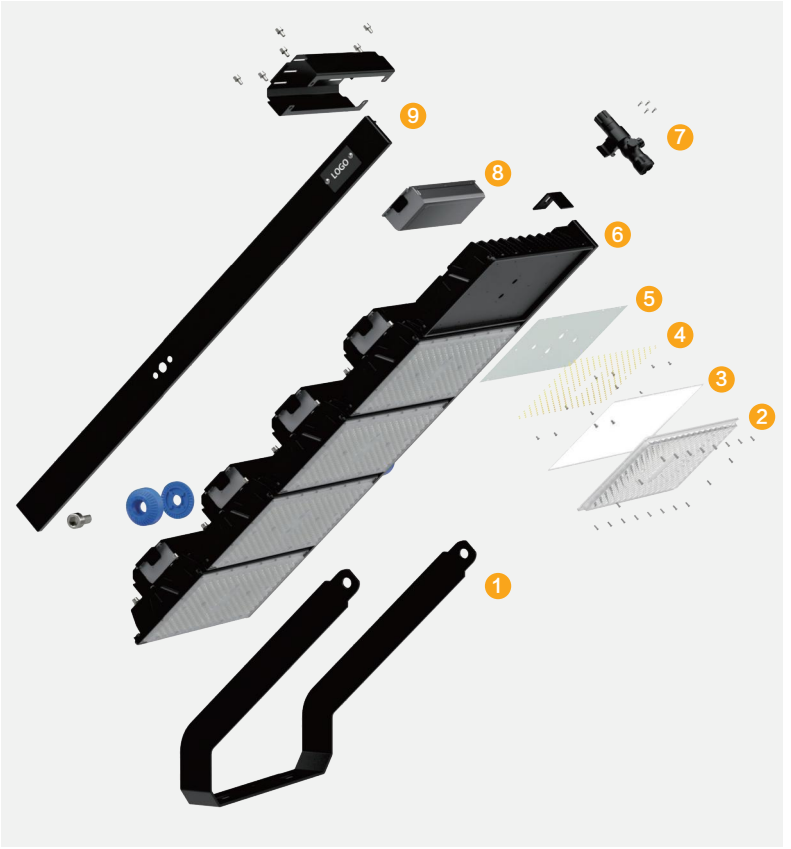
IP66 IK08

CE ErP

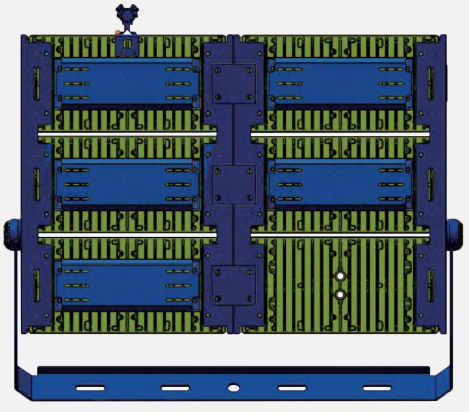
Advantages

- **Efficiency:170Lm/W**
- **Suitable for installation up to 30m above the ground.**
- **Ideal for lighting professional sports facilities and outdoor stadiums.**
- **The lens is made of UV-resistant PC material.**

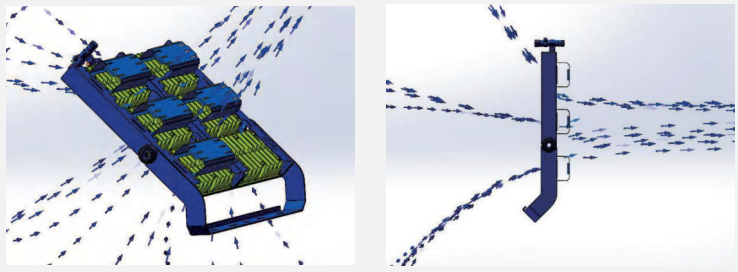
AFL70 not only uses ADC12 die-casting aluminum heat sink, but also adopts the most advanced finite element heat dissipation technology to control lamp femperature and maintain ultra-high lumen rate.



1. Strong stand
2. Optical PC lens
3. Silicone waterproof seal
4. 3030/5050 SMD LED
5. High thermal conductivity aluminum substrate
6. ADC12 die-cast aluminum heat sink
7. Laser locator
8. Cooling respirator design
9. External waterproof power supply



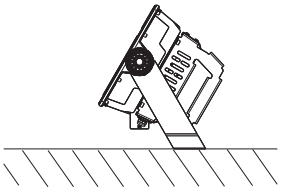
Thermal Conductivity



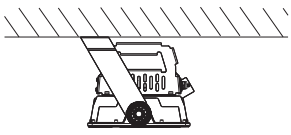
Thermal Air Convection

Installation Diagram

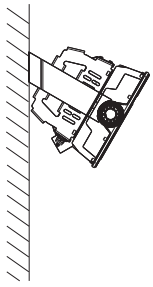
Floor Installation



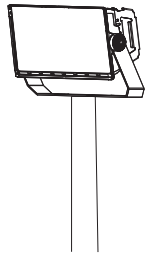
Ceiling Installation



Wall Suction Installation



Post Installation



AFL70 Technical Data

LED Chip Brand	Lumileds | Cree | Epistar plus
LED Chip Type	SMD3030 | SMD5050
Luminous Efficacy	170LM/W
Color Rendering Index (RA)	> 70 | 80 | 90
Color Temperature	2700K-6500K
Beam Angle	30° | 45° | 60° | 90° | 120°
Number Of Lens	A:1 Pcs | B:2 Pcs | C:3 Pcs | D:4 Pcs | E:5 Pcs | F:6 Pcs | G:8 Pcs | H:10 Pcs |
Life Time	100000 Hours

Electrical Parameters

Power A	250W
Power B	500W
Power C	750W
Power D	1000W
Power E	1250W
Power F	1500W
Power G	2000W
Power H	2500W
Voltage	AC85-305V
Electrical Security Class	Class I | Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP66
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	＜ 12%

Materials and Properties

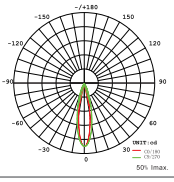
Material Of Shell	Aluminum (ADC12)
Material Of Lens	PC
Size 250W (mm)	436*284*163
Size 500W (mm)	436*499*183
Size 750W (mm)	464*689*183
Size 1000W (mm)	464*879*183
Size 1250W (mm)	464*1069*183
Size 1500W (mm)	865*692*189
Size 2000W (mm)	865*882*189
Size 2500W (mm)	865*1072*189

Tested according to

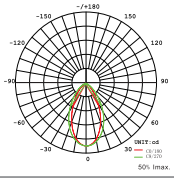
CE-LVD	EN 60598-2-3:2003 + A1:2011 EN IEC 60598-1:2021 EN 62471:2008 EN 62493:2015
CE-EMC	EN 55015:2013+A1:2015 EN 61547:2009 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017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

Typical Photometric Features

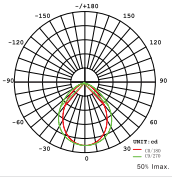
15°



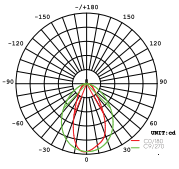
30°



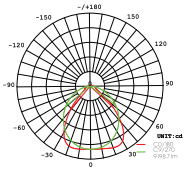
45°



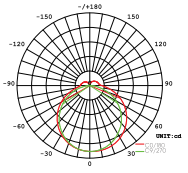
60°



90°

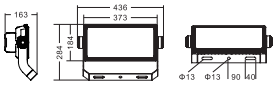


120°

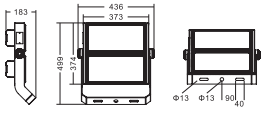


Product Size

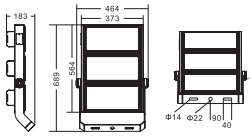
250W



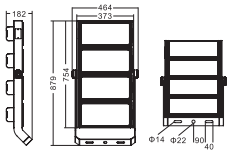
500W



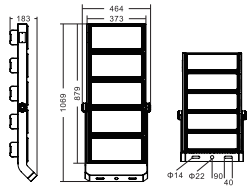
750W



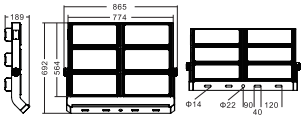
1000W



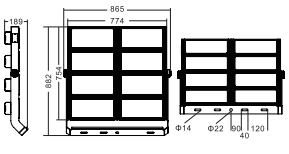
1250W



1500W



2000W



2500W