



LED Flood Light

AFL 87

IP65

IK08

CE ErP

Advantages

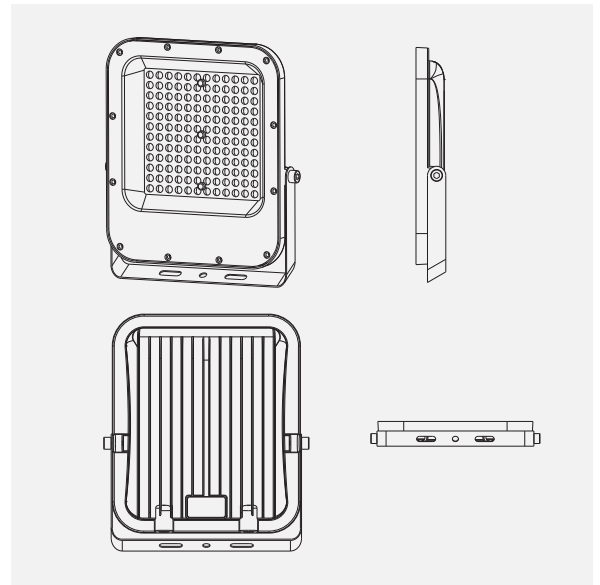
- Efficiency:100Lm/W
- Integrated aluminum die-casting body
- Splicing lenses with optional angles



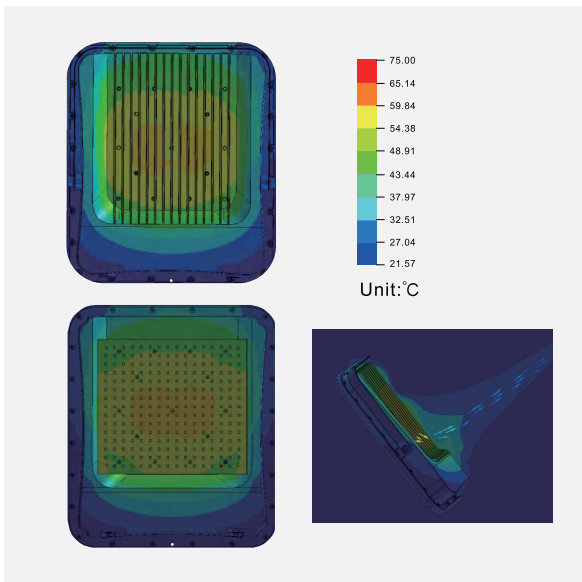
AFL87 not only sees better heat dissipation, but also include a plug and longer wire. You can actually install yourself and point to the desired direction with arm bracket.



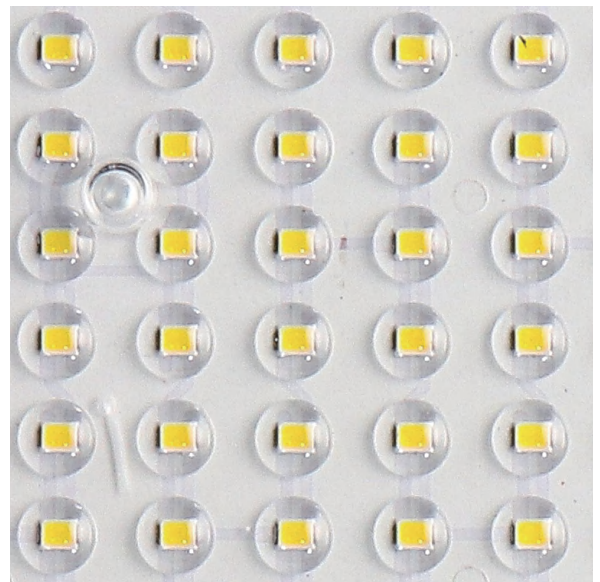
Display



Line diagram



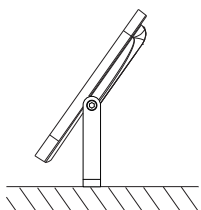
Thermal Air Convection



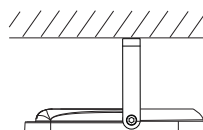
Leds

Installation Diagram

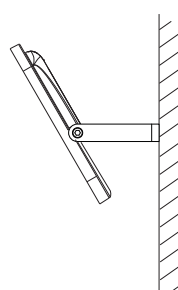
Floor Installation



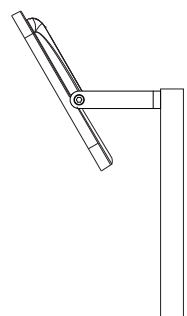
Ceiling Installation



Suction Wall Installation



Post Installation



AFL87 Technical Data

LED Chip Brand	Sanan
LED Chip Type	SMD2835 SMD3030
Luminous Efficacy	100LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2700K-6500K
Beam Angle	90°
Number Of Leds	A:42 Pcs B:72 Pcs C:144 Pcs D:216 Pcs E:288 Pcs F:432Pcs
Life Time	50000 Hours

Electrical Parameters

Power A	30W
Power B	50W
Power C	100W
Power D	150W
Power E	200W
Power F	300W
Voltage	AC100-265V
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	DOB Linear
Power Factor	>0.90
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 15%

Materials and Properties

Material Of Shell	Aluminum (ADC12)+PC
Material Of Lens	PC
Size 30W (mm)	152.6*174*28
Size 50W (mm)	183.6*205*28
Size 100W (mm)	222.6*257*31
Size 150W (mm)	258.4*297.7*31
Size 200W (mm)	276.4*333.2*33
Size 300W (mm)	309.2*380.6*42



Tested according to

CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
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



Product Size

