

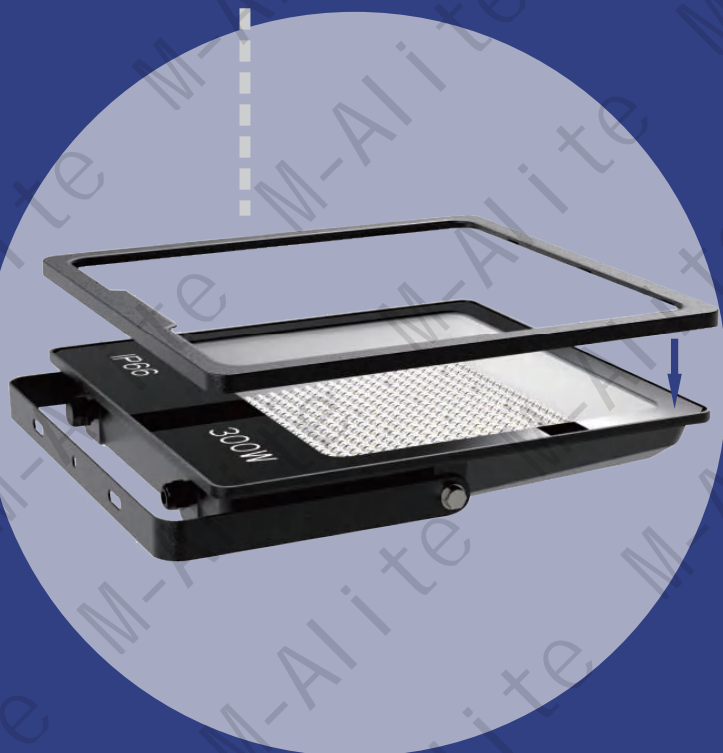
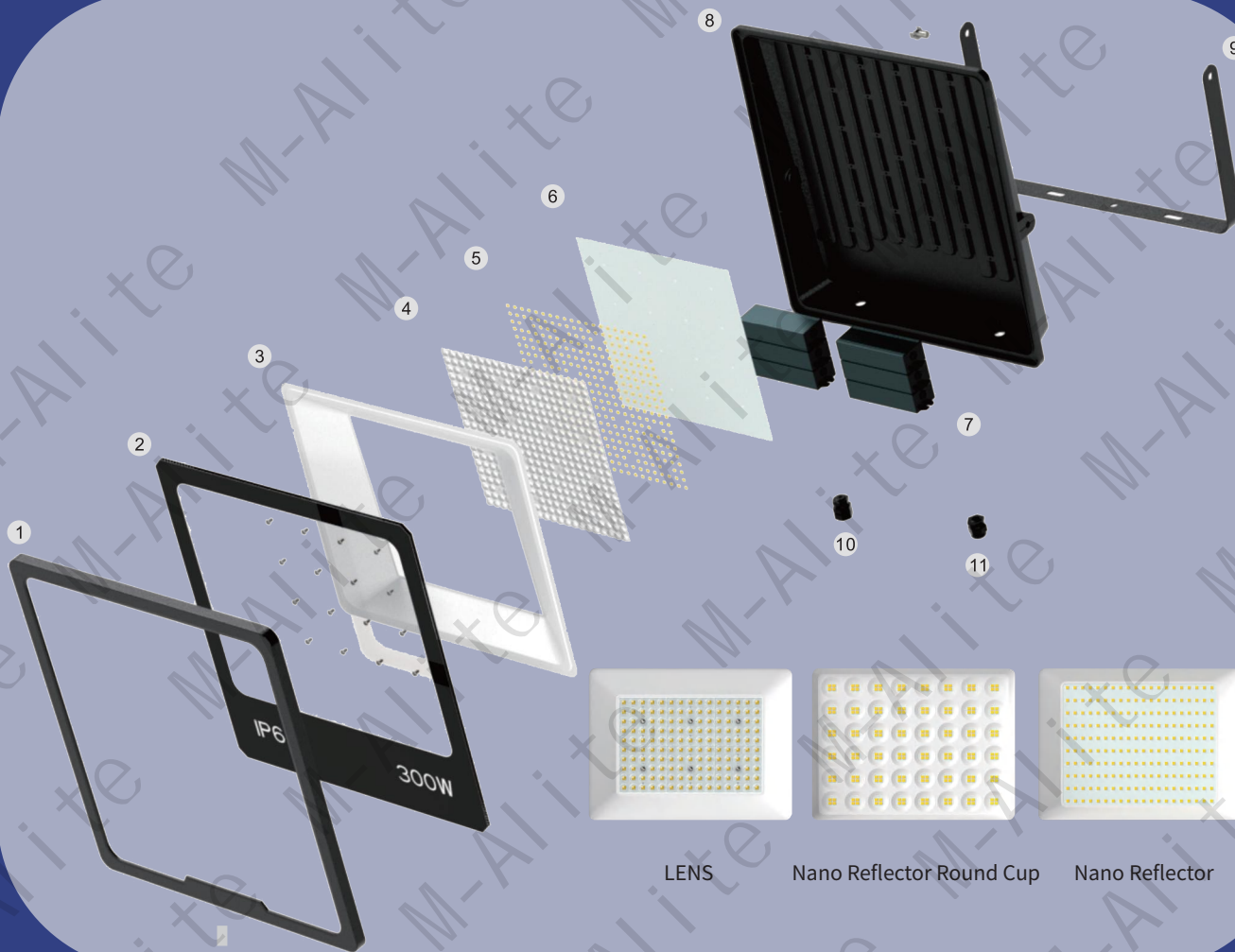
AFL57

CE ErP

MAIN APPLICATIONS



AFL57 is the new design LED floodlight, which comes with four mainstream LED solutions : linear design, DOB design, non-isolated driver ,and isolated as well .It is available in five different sizes, from 30W to 300W corresponding to five different powers , ensuring the optimal cost while meeting customers' needs. There are a variety of features of AFL57, for example three LED luminous surfaces, large opening, four-in-one, and lens.Large opening and a fixed reflector, suit the public taste. Lens make symmetrical angle flexible such as 30°, 60°, 90°, or asymmetric angle lenses such as TYPE and YTPE. It not only has affordable price but also meets all lamp lighting angle demand of clients. Besides, AFL57 has different aluminum frame, using high temperature PC material and giving people a more advanced, textured visual impact feeling. Its IP65 waterproof structure guarantees lamp' s normal operation under various environment.



- 1 **Screwless plastic face ring**
- 2 **Fully tempered glass, strong and durable**
- 3 **Silicone Waterproof Seal**
UV resistant material, reliable without failure.
- 4 **Optical PC side**
- 5 **Suitable for 3030 lamp beads**
The light effect is stronger and the light is farther.
- 6 **High thermal conductivity aluminum substrate**
Cool faster.
- 7 **Large power compartment**
Adapt to high-end well-known power supply brands such as MEANWELL and SOSEN.
- 8 **ADC12 die casting aluminum heat sink**
Efficiency up to 96W/M.K.
- 9 **Strong iron bracket**
- 10 **Cooling respirator**
- 11 **Waterproof glan head**

Technical Data

Led Module

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD2835 SMD3030
Luminous Efficacy	140LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2400K 2700K 3000K 4000K 5000K
Beam Angle	60° 90° 120°

Electrical Parameters

Power A	30W
Power B	50W
Power C	100W
Power D	150W
Power E	200W
Power F	300W
Voltage	AC100-240V
Frequency	50/60Hz
Electrical 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

Driver Type	Linear DOB Non-isloted isloted
Power Factor	>0.9
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 15%

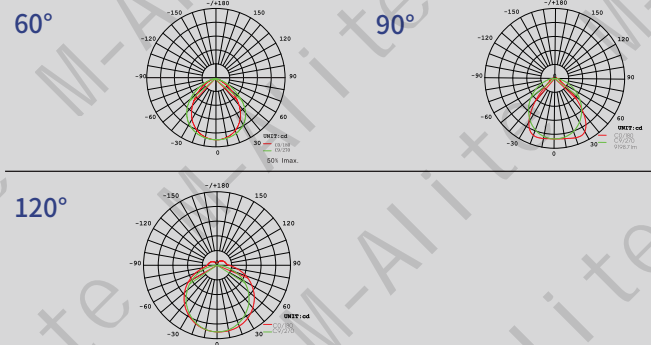
Materials and Properties

Material Of Shell	Aluminum (ADC12) +Optical glass
Material Of Lens	PC
Size 30W (mm)	159*176*34
Size 50W (mm)	206*244*40
Size 100W(mm)	258*300*41
Size 150W (mm)	286*323*44
Size 200W (mm)	325*365*49
Size 300W (mm)	368*411*54

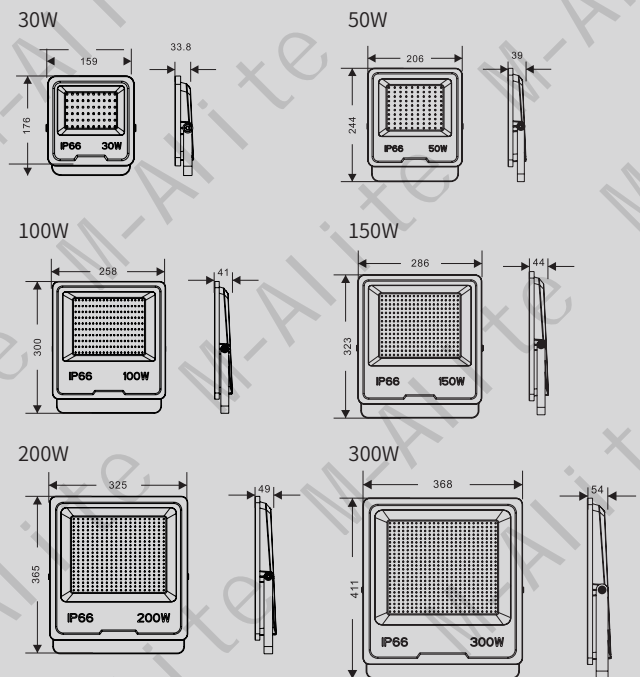
Tested according to

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



Product Size

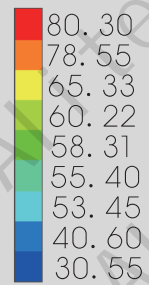
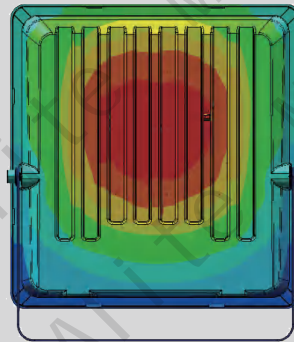


► Combination

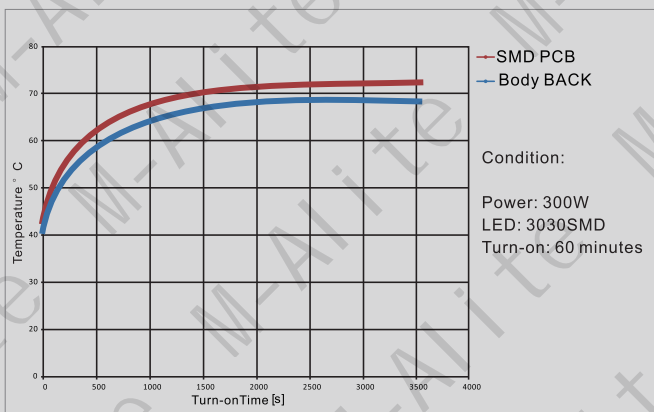


► Thermal Control Technology

Thermal Conductivity

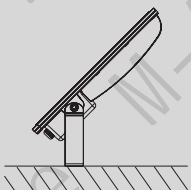


Unit: °C

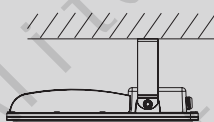


► Multiple installation methods

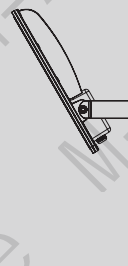
Floor Installation



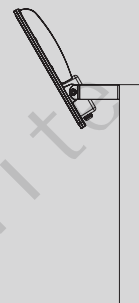
Ceiling Installation



Suction Wall Installation



Post Installation





M-AIITE