



AFL28

CE ErP

MAIN APPLICATIONS



INDUSTRIAL
HALLS &
WAREHOUSES



LARGE
AREAS



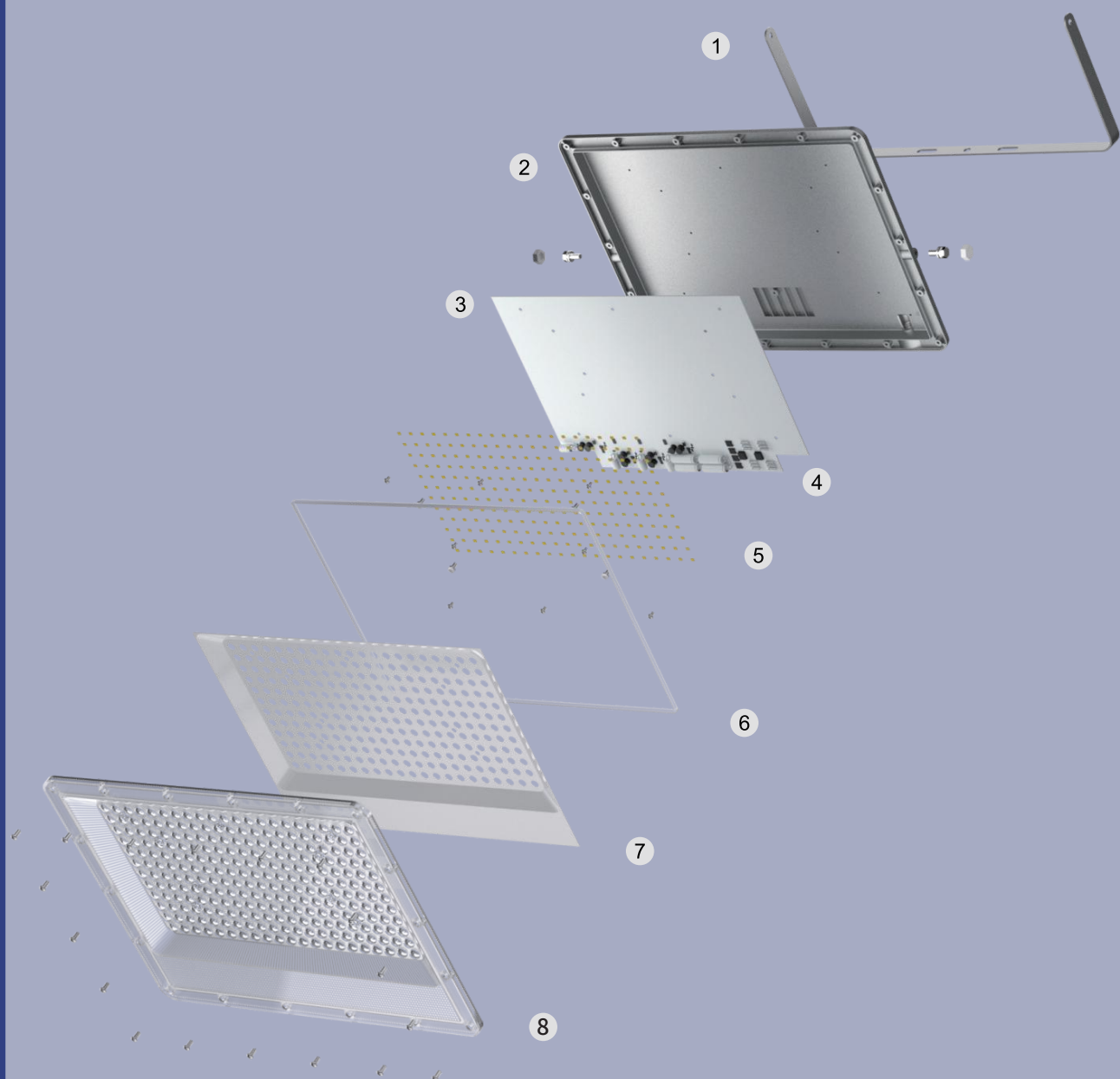
SPORT
FACILITIES



CAR PARKS

AFL28 is a new type of economical floodlight fixture, which adopts linear or DOB. It has a total of 5 different housing sizes and supports 5 different powers from 30W to 200W. AFL28 uses ADC12 die-casting aluminum heat sink, which adopts the most advanced finite element heat dissipation technology to control lamp temperature and maintain ultra-high lumen rate. It also uses high-temperature and UV-resistant nano-reflectors and fully tempered glass. The bracket of AFL28 is easy to install and can ensure the maximum light projection angle. There are 4 installation methods, which can be installed on the floor, ceiling, wall, and high poles. It is suitable for sports centers, bridges, billboards, villas, outdoor walls and park lighting.





1 Re-enforced iron bracket

2 ADC12 Die-casting aluminum body

3 High thermal conductive aluminum PCB

4 DOB linear solutions

5 High lumen 2835 SMD light source

6 Waterproof silicone rubber

7 High temperature and anti UV nano reflective sheeting

8 Full tempered glass cover

Technical Data

Led Module

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD2835
Luminous Efficacy	100LM/W
Color Rendering Index (RA)	>80
Color Temperature	2400K 2700K 3000K 4000K 5000K 6500K
Beam Angle	90°
Number Of Leds	A:36Pcs B:72Pcs C:144Pcs D:192Pcs E:252Pcs

Electrical Parameters

Power A	30W
Power B	50W
Power C	100W
Power D	150W
Power E	200W
Voltage	AC85-265V
Frequency	50/60Hz
Electrical 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

Driver Type	DOB
Power Factor	>0.9
Performance	> 90%
IP Grade	IP20 to IP65
THD	< 15%

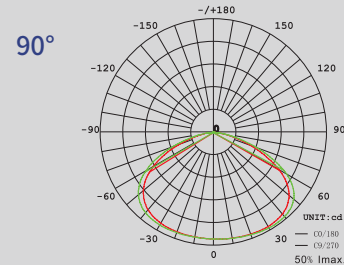
Materials and Properties

Material Of Shell	Aluminum (ADC12) +PC
Size 30W (mm)	162*28*122
Size 50W (mm)	208*31*161
Size 100W(mm)	271*31*211
Size 150W (mm)	330*36*251
Size 200W (mm)	380*38*280

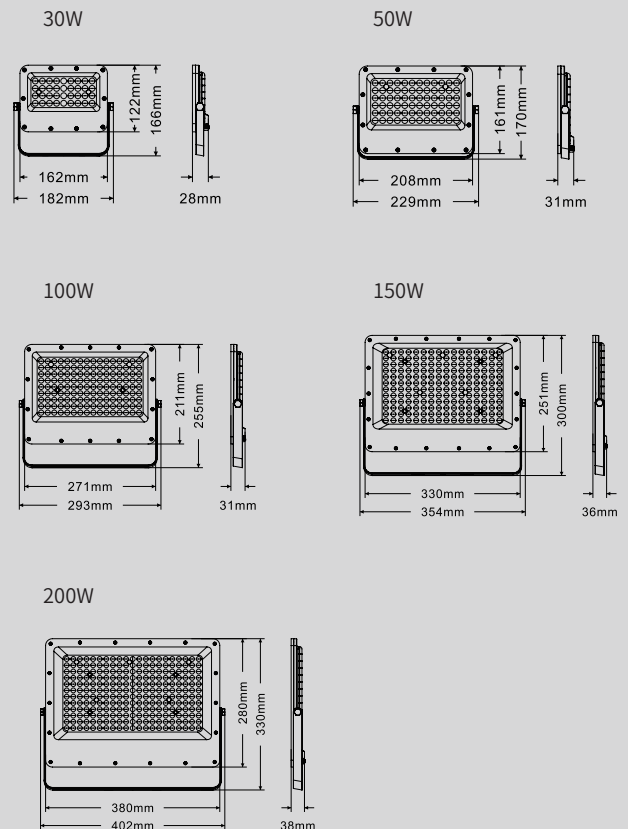
Tested according to

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

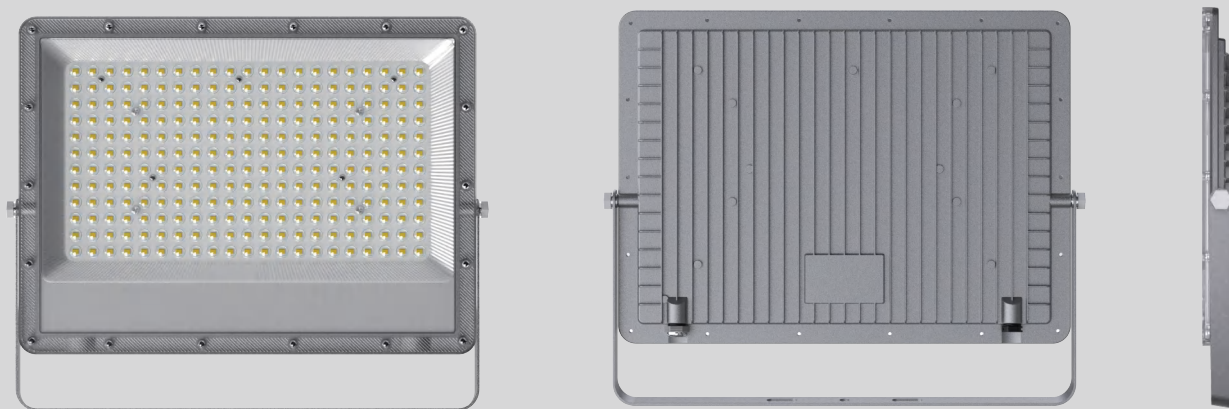
Typical photometric features



Product Size

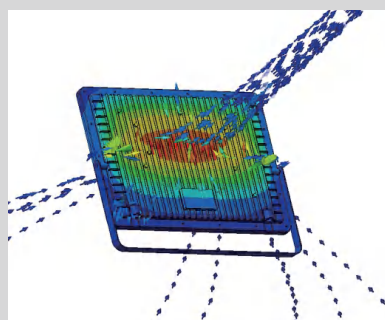
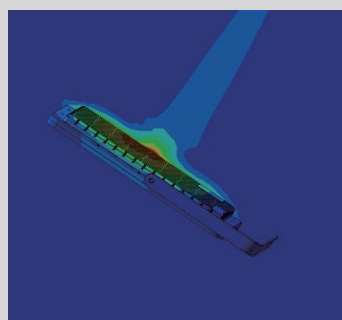
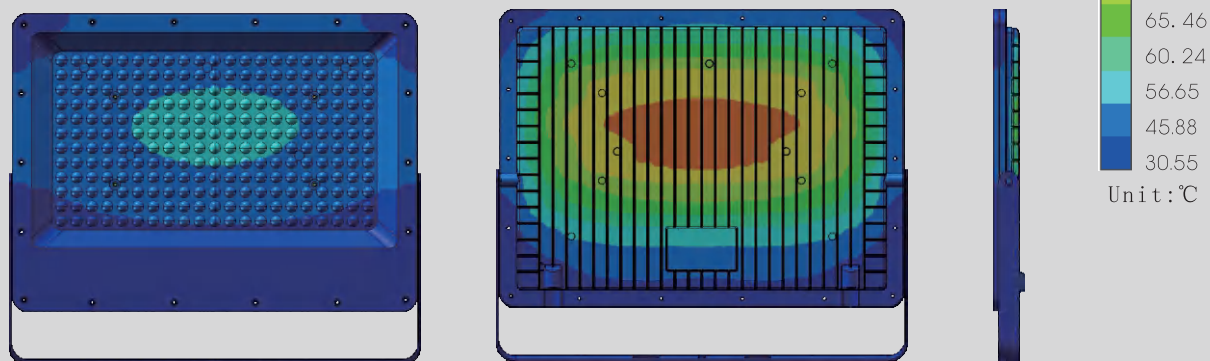


► Combination

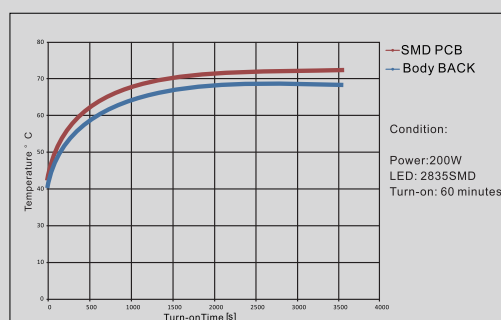


► Thermal Control Technology

Thermal Air Convection



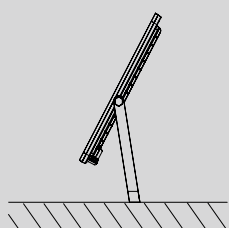
Thermal Air Flow



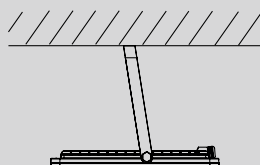
Temperature Rise Curve

► Multiple installation methods

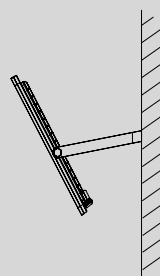
Floor Installation



Ceiling Installation



Suction Wall Installation



Post Installation

