



LED Flood Light

HIGH LIGHT · DURABLE · SAVE COST

50W/100W/150W/200W/300W
400W/500W/600W



The LED Flood Light is a high - efficiency and high - performance LED lighting system. Its innovative design not only considers optical versatility but also features a sleek, low - profile appearance, seamlessly integrating optical flexibility with high energy efficiency.

It boasts an outstanding waterproof design, enabling it to maintain a stable operating state in humid environments, thus ensuring safe usage. Moreover, it excels in color temperature adjustment. With its precise fine - tuning function, it can effortlessly create the desired lighting effects for different settings, offering a more comfortable lighting experience across various scenarios.

This LED Flood Light is ideally suited for illuminating parking lots, sidewalks, campuses, car dealerships, office buildings, and internal roads.

► Features

- ☑ High quality aluminum die casting, Surfacepainting process, never fade, anti-cracking.
- ☑ Adopt aerodynamic design, take heat away quickly, keep low temperature for heat sink and LED chip for longer lifespan and higher light efficiency.
- ☑ All the screws are 304stainless steel screws with stronger corrosion resistance ability.
- ☑ Use branded led chip, high CRI, light efficiency up to 130 lm/W, low light decay and long lifespan.
- ☑ Use waterproof connector can prevent wire drag.

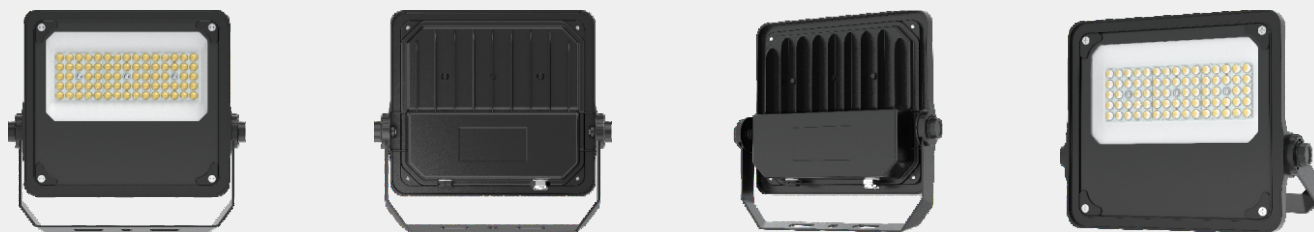
► Product Picture



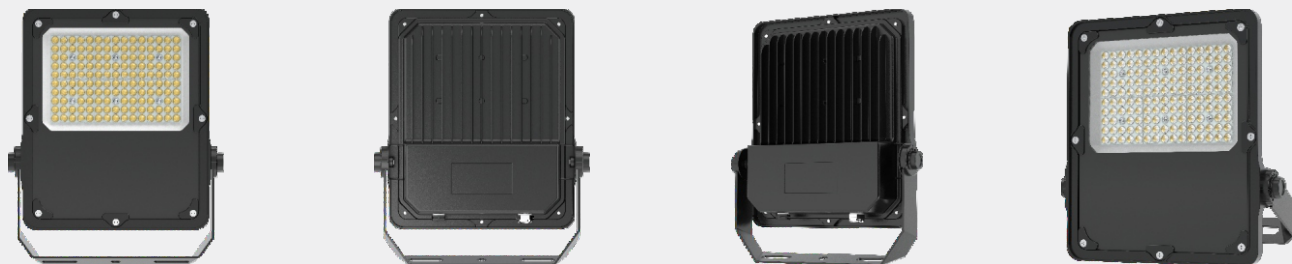
50W 100W 150W 200W 300W 400W/500W 600W

MODEL: BB-FL-XXXW-E3

50W



100W



150W



200W



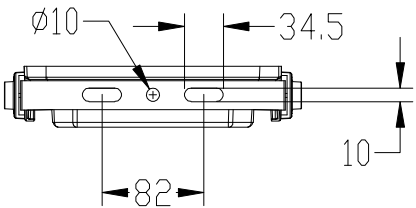
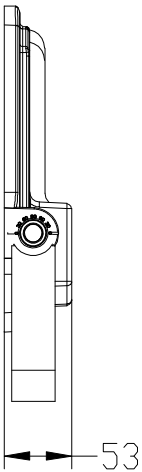
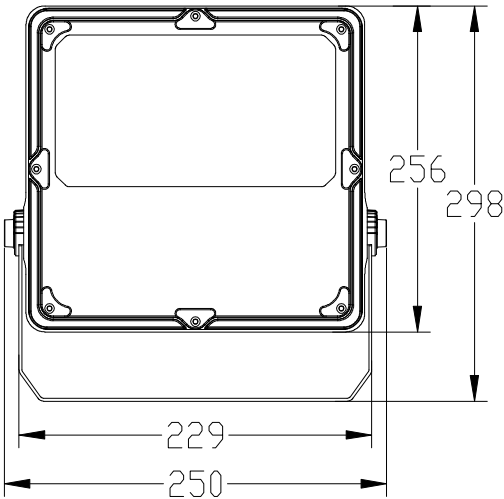
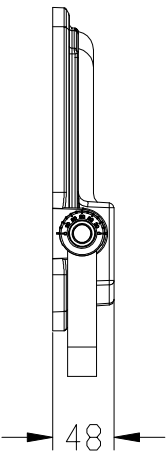
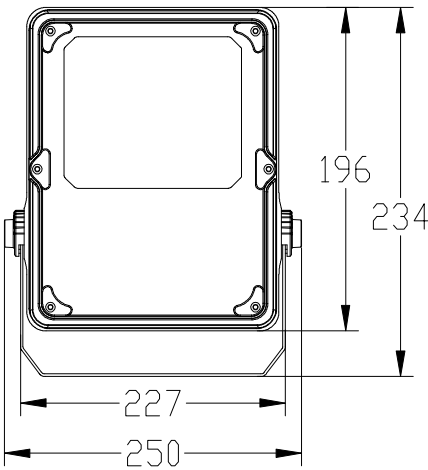
300W



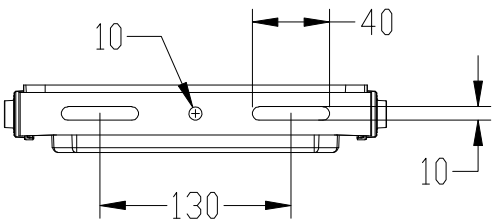


► Dimension

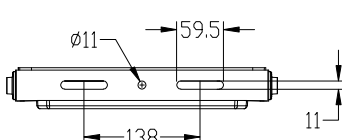
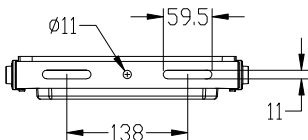
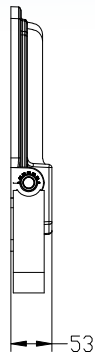
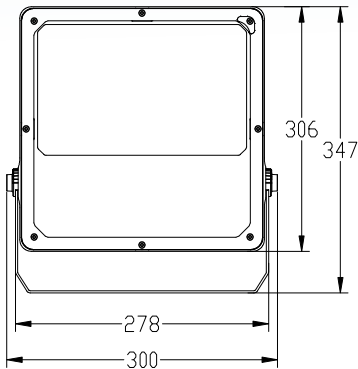
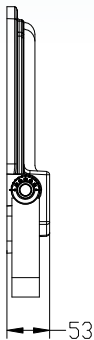
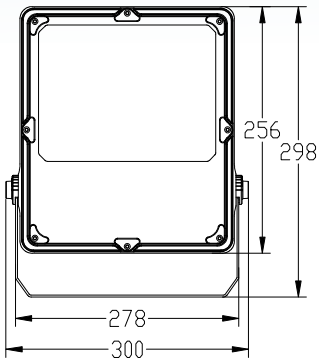
Unit: mm



50W

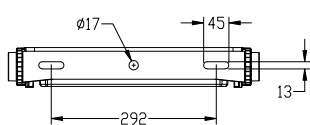
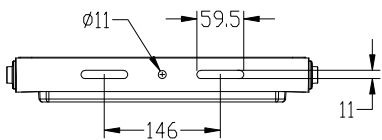
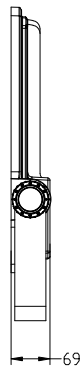
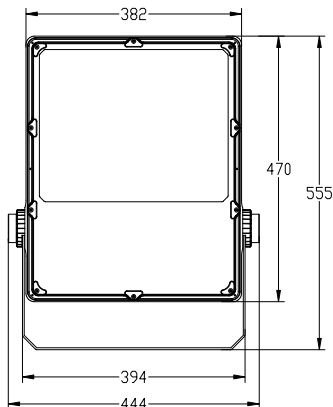
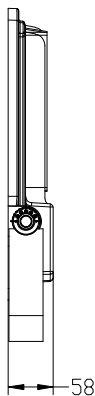
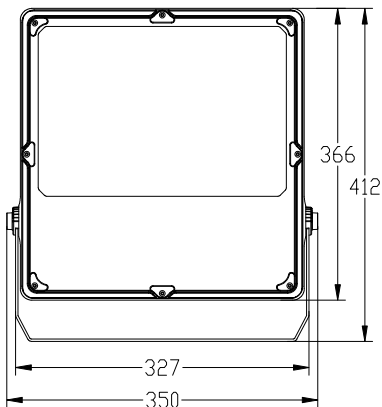


100W



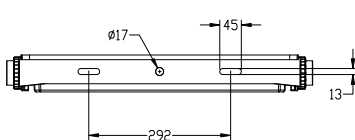
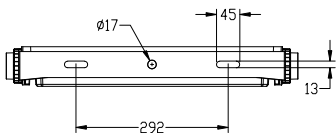
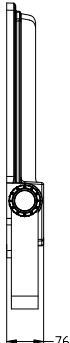
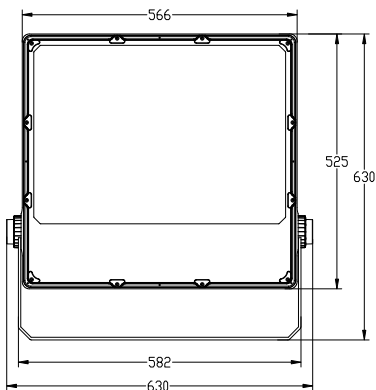
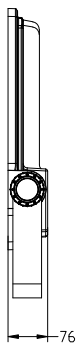
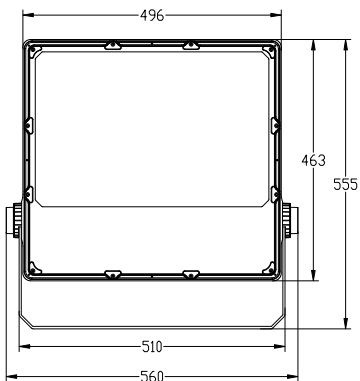
150W

200W



300W

400W



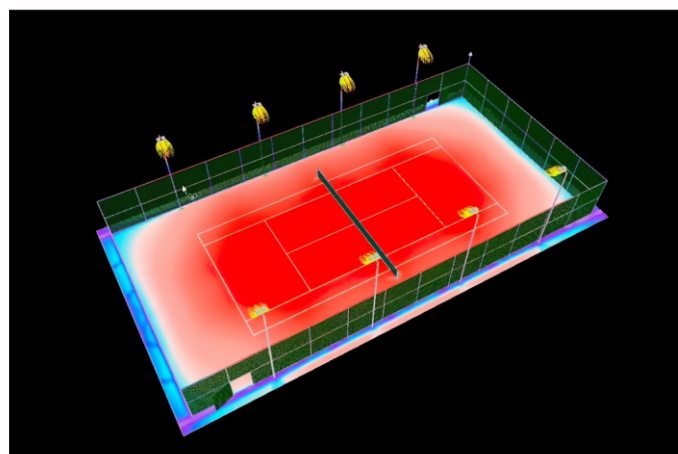
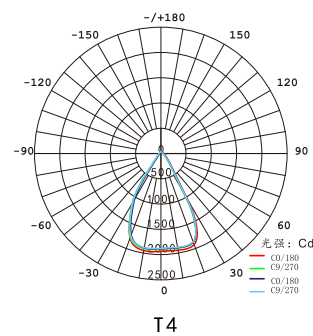
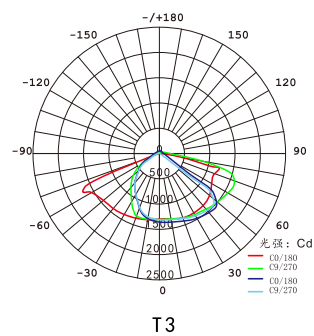
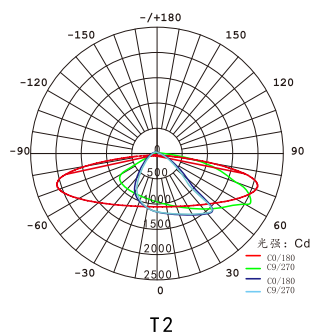
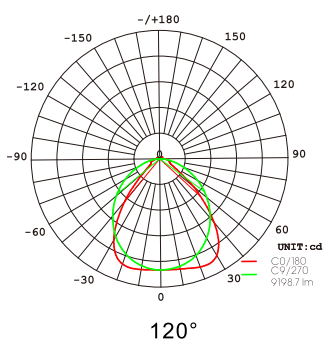
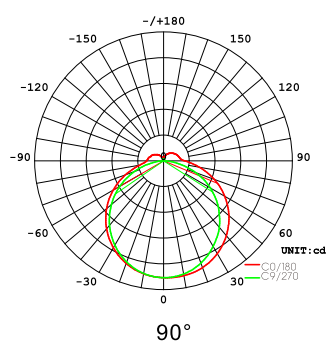
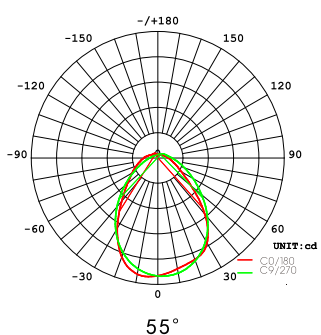
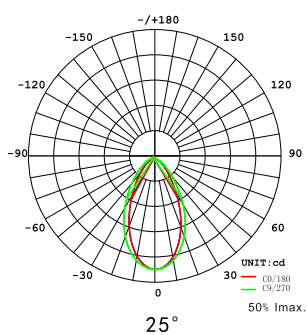
500W

600W

DATA SHEET

Power	50W	100W	150W	200W
Model	BB-FL-50W-E3	BB-FL-100W-E3	BB-FL-150W-E3	BB-FL-200W-E3
Dimension(mm)	234x250x48	298x250x53	298x300x53	347x300x53
Luminous Flux	6500lm	13000lm	19500lm	26000lm
Power	300W	400W	500W	600W
Model	BB-FL-300W-E3	BB-FL-400W-E3	BB-FL-500W-E3	BB-FL-600W-E3
Dimension(mm)	412x350x58	555x444x69	555x560x76	630x630x76
Luminous Flux	39000lm	52000lm	65000lm	78000lm
Materials	Aluminum Alloy			
Beam Angle	25°/55°/90°/120°/T2/T3/T4			
Luminous Efficacy	130 lm/w			
Operation Temp	-40 to+ 50°C			
CCT	2700K SW/3000K WW /4100K NW/5000K DW/5700K CW /6500K SCW			
CRI	70+			
Life Span	50,000 Hours at 25°C			
Voltage	120-277VAC/200-480VAC			
Driver	UL Listed Power Supply			
Dimming	Dimmable			
Color	Black			
Luminous Source	SMD LED 2835			
IP	IP 65			
PF	>0.9			
Warranty	5 Years			

► Surface Of Intensity Distribution



► Multiple Installation Methods

Ground Installation



Surface Mounted



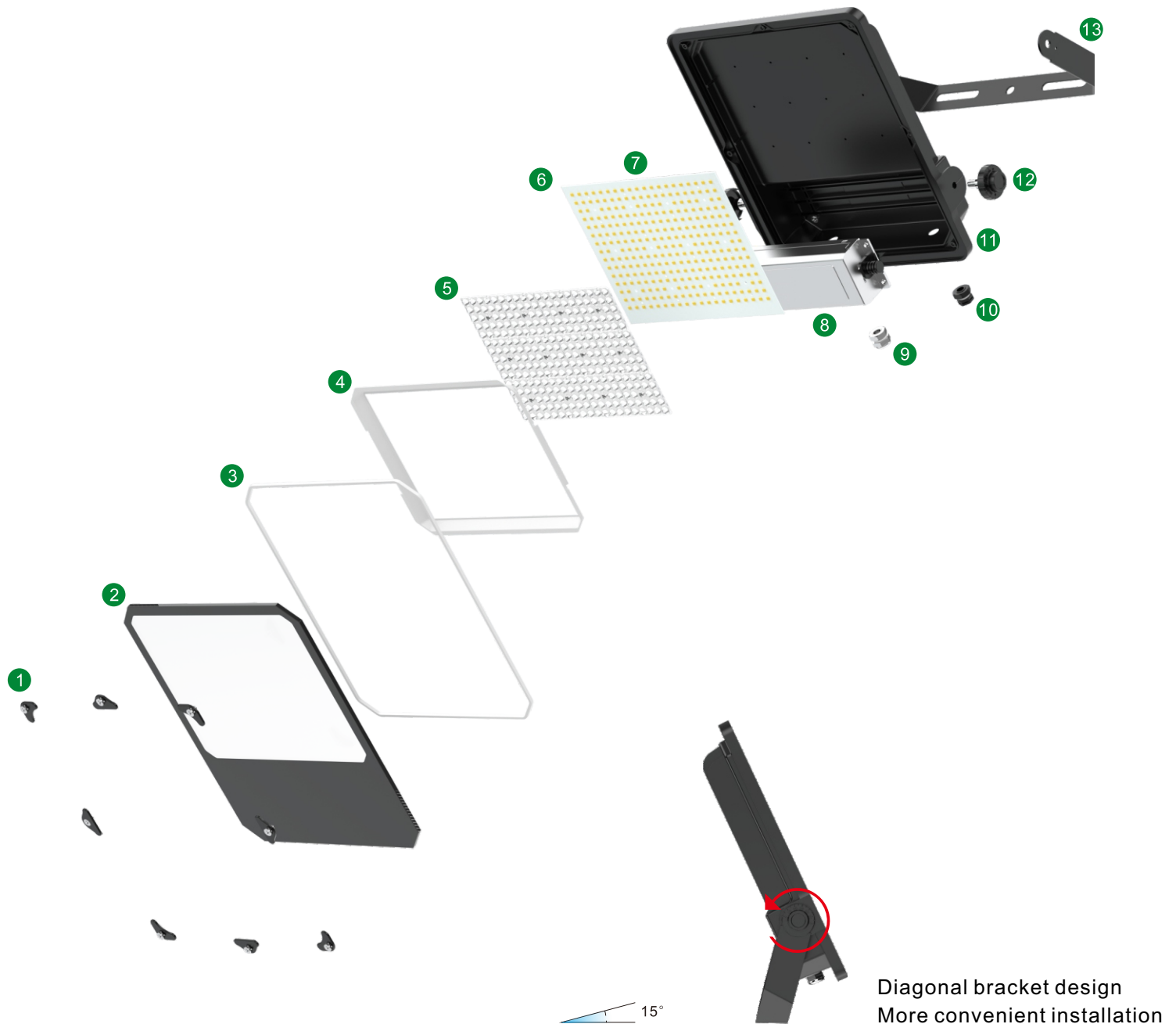
Installation Of Suction wall



Column Installation



► Product Breakdown Diagram



1. Compression buckle
2. Tempered glass cover.
3. Waterproof silicone strip.
4. Nano plastic reflector.
5. Optical PC lens, made of UV resistant material, does not turn yellow after long-term use, is resistant to high temperatures, and does not deform.
6. Compatible with 2835 LED beads, with stronger light efficiency and farther illumination.

7. High thermal conductivity aluminum substrate for faster heat dissipation.
8. Waterproof power supply.
9. Waterproof gland head.
10. Heat dissipation breathing valve.
11. ADC12 die cast aluminum radiator with an efficiency of up to 96W/M.K.
12. Bracket knob.
13. Strong bracket for more secure installation.



► Application case

Application scope:

Widely applicable to various outdoor billboards, outdoor basketball courts, football fields, badminton courts, table tennis courts, and other sports venues.



Deepen and thicken the
heat dissipation ribs
Good heat dissipation

