



Product Specifications

(PAX LED FLOOD LIGHT)



This PAX LED Flood light combines an ultra-thin, integrated design with a high-performance ADC12 die-cast aluminum heat sinking, effectively managing thermal output to guarantee an extended product lifespan. It utilizes energy-saving, high-luminosity Lumileds 2835 LEDs for brilliant and eco-friendly lighting. The entire unit is secured with an IP66 structural waterproof rating, ensuring reliable operation in demanding outdoor environments, the PAX LED Flood Light is the ideal choice for professional lighting solutions.

Features

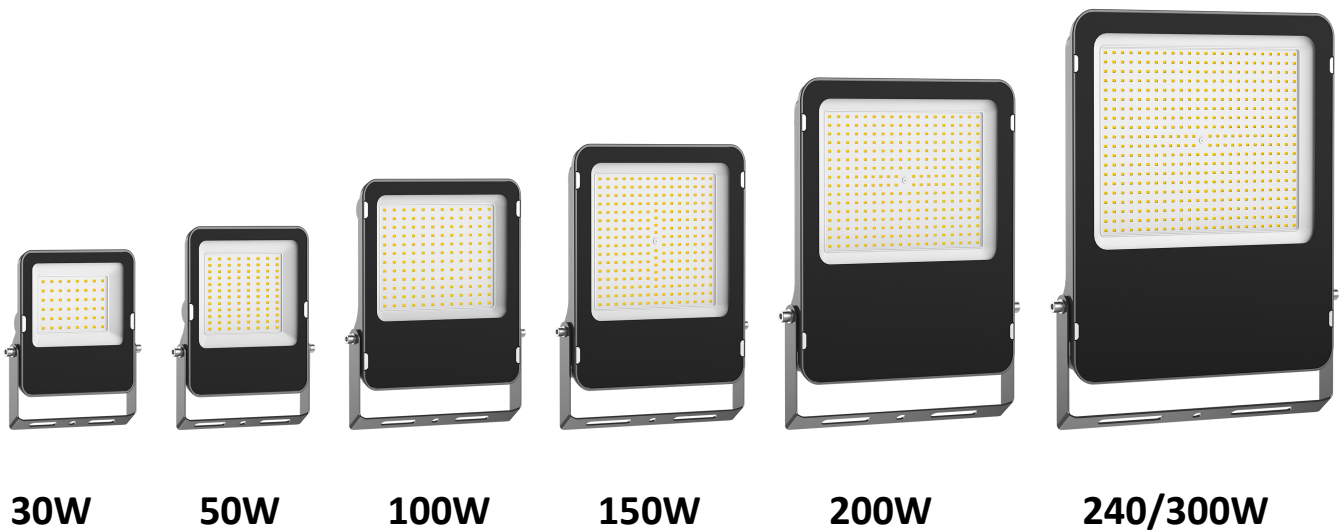
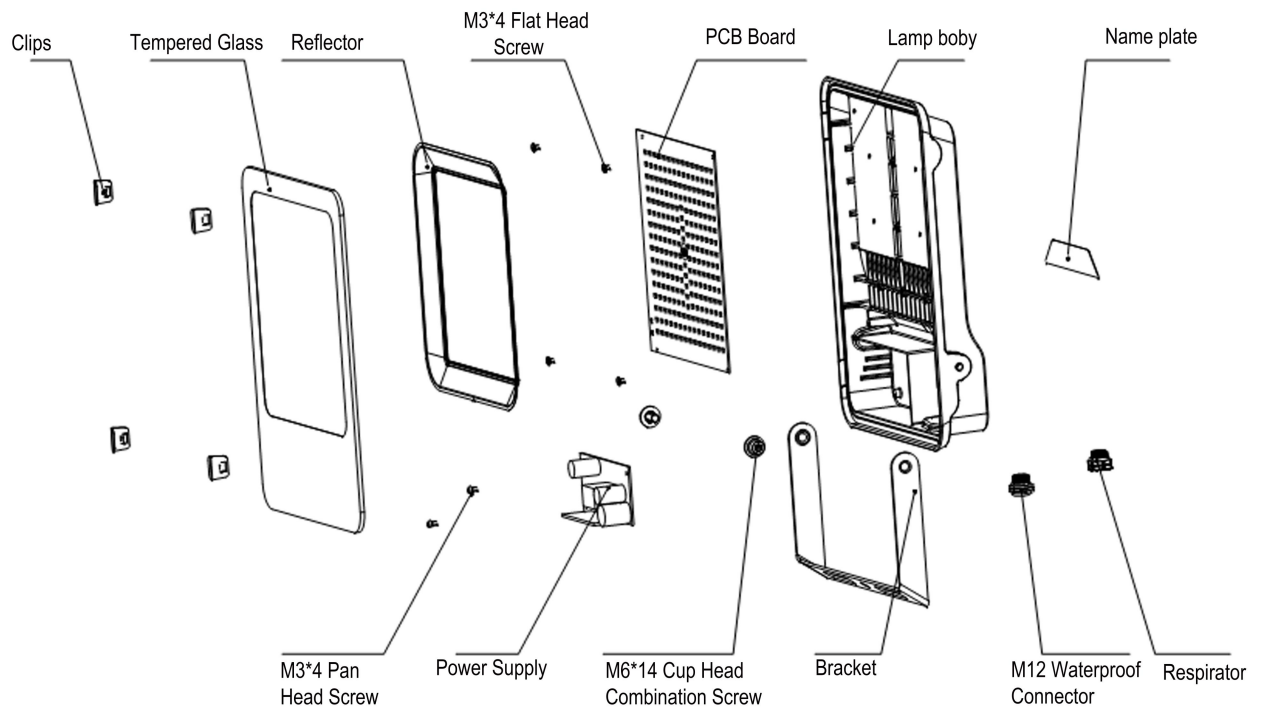
- Optimized ADC12 die-casting aluminum housing design for superior thermal management;
- Equipped with Lumileds 2835 LEDs for powerful, vibrant light with outstanding energy economy;
- Professional light distribution with different beam angles for various applications;
- Compact in size and easy for transportation;
- With its structural IP66 protection, it stands firm against dust, rain, and harsh weather conditions;
- Long life time over 50,000 hours, 5 years warranty.

Technical Specifications



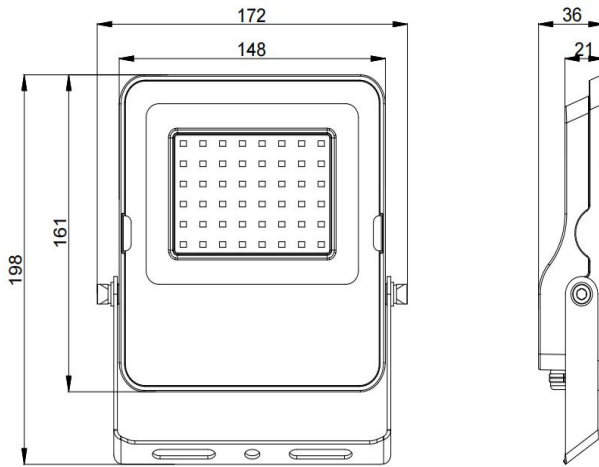
Model No.	LGS-FLPA-30W	LGS-FLPA-50W	LGS-FLPA-100W	LGS-FLPA-150W	LGS-FLPA-200W	LGS-FLPA-240W	LGS-FLPA-300W
Power	30W	50W	100W	150W	200W	240W	300W
Lumen Output	4,200lm	7,000lm	14,000lm	21,000lm	28,000lm	33,600lm	42,000lm
Lumen Efficiency	140lm/w						
CCT	2700/3000/4000/5000/5700/6500K						
CRI	Ra>70(Ra>80/90 available on request)						
Chip Brand	Lumileds 2835						
Beam Angle θ/2	30/45/60/90/120/70x150 Degree						
Light Decay Rate	Less than 3% in 6,000Hours						
Lifespan	≥50,000Hrs						
Input Voltage	100-240VAC 50/60Hz						
Power Factor	PF>0.9						
THD	<15%						
Driver	TUV/CE Approval Driver						
Material	Die-cast Aluminum Housing+Polycarbonate Lens+Tempered Glass Cover Die-cast Aluminum Housing+Tempered Glass Cover(for 120 degree)						
Degree of Protection	IP66 & IK08						
Dimensions(mm)	198*172*36	224*180*36	276*228*39	314*245*42	384*305*43	457*366*44	457*366*44
Net Weight	0.8kg	0.85kg	1.32kg	1.84kg	2.7kg	3.76kg	3.76kg
Finish	Black						
Installation	Mounting						
Working Temperature	-35℃~+45℃						
Storage Temperature	-40℃~+70℃						
Certificate	CE, RoHS						
Warranty	5 years						
Optional Functions	0-10V/PWM/DALI/DMX Available on Request						

Explosion Drawings

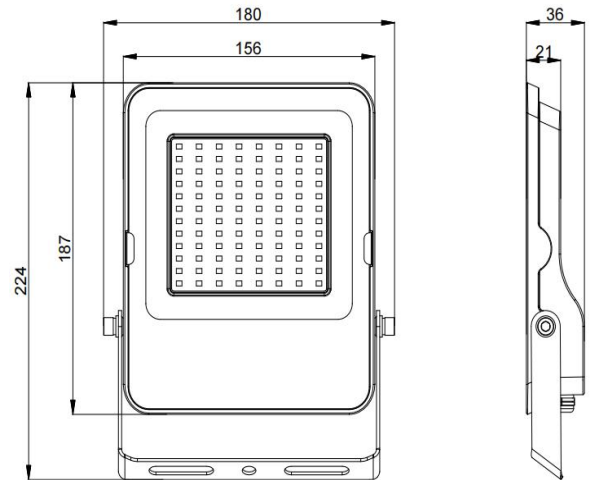


Dimensions and Drawings

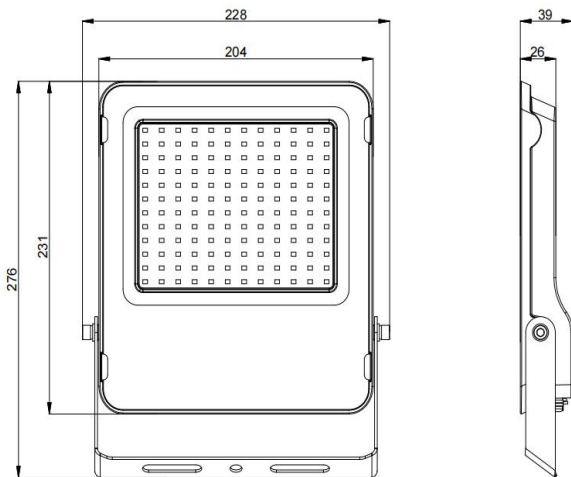
Unit: mm



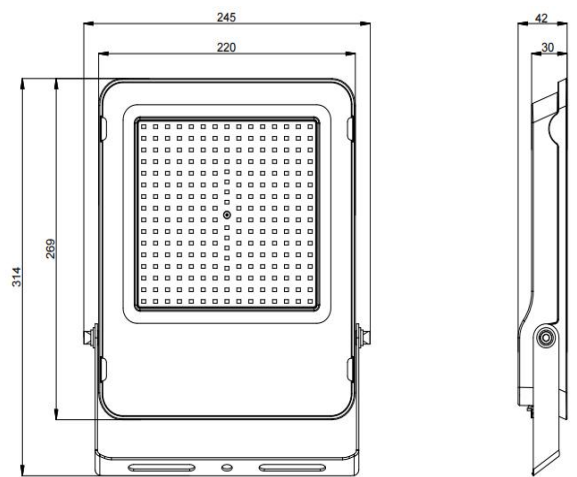
30W



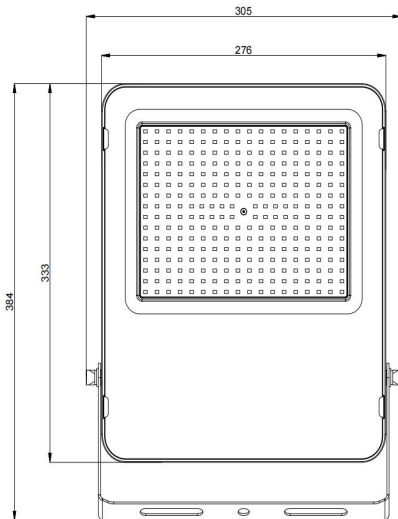
50W



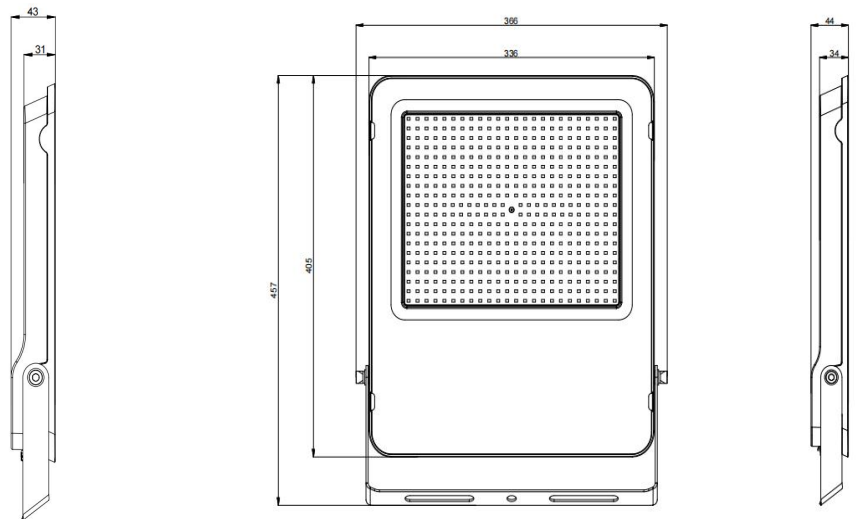
100W



150W

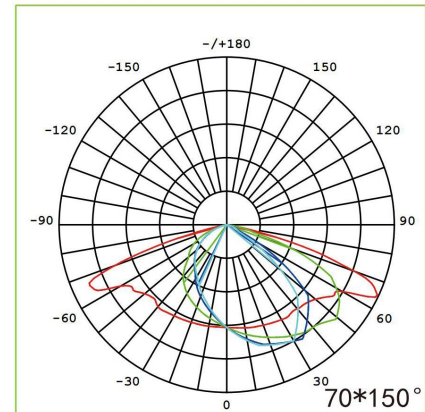
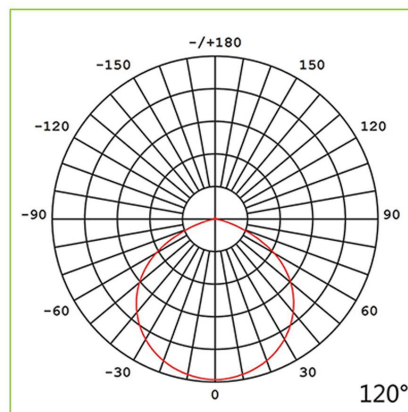
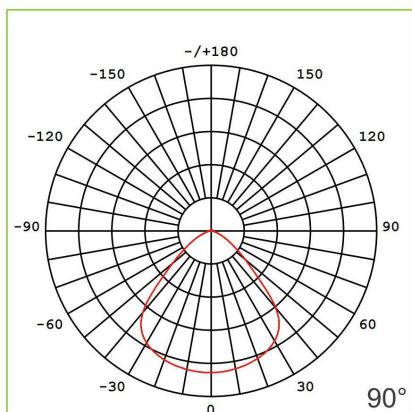
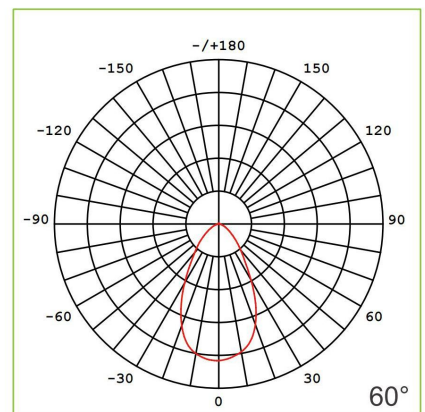
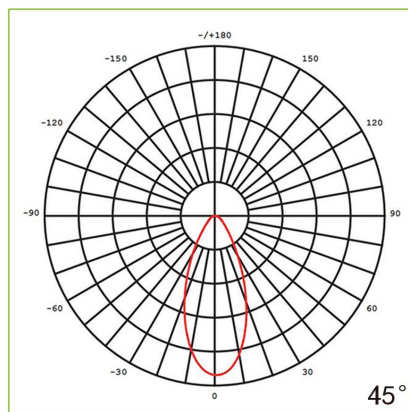
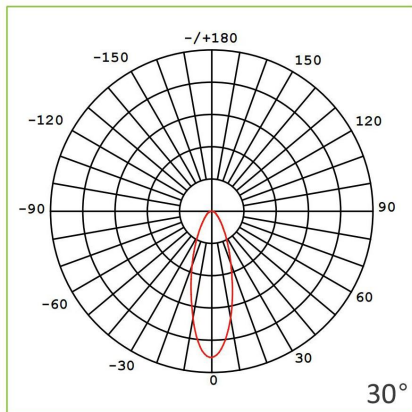


200W

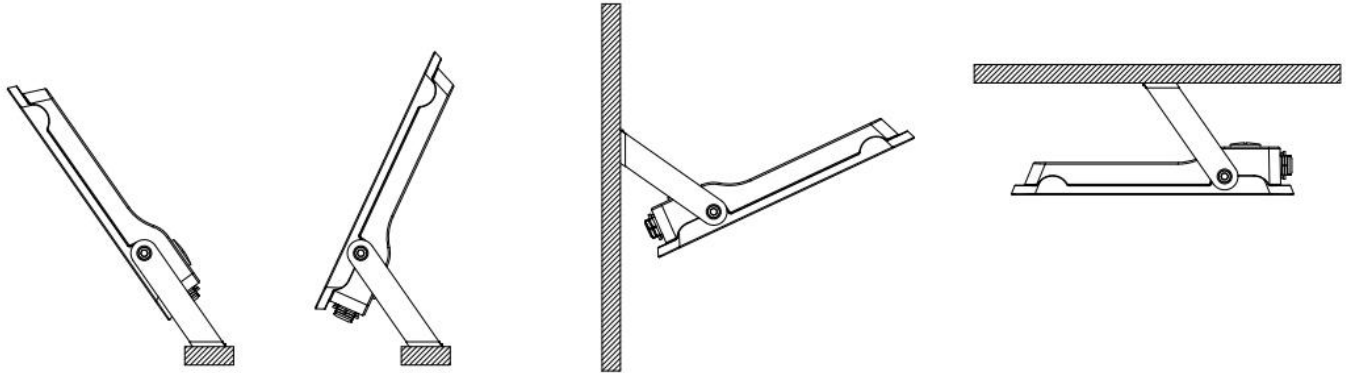


240/300W

Light Distribution



Installations



Installation Requirements

1. Power off before installation, and read the instruction carefully;
2. Make sure the installation material can endure the lamp weight;
3. Connect lamp wire to match power wire, and seal the joint with insulation;
4. No matter which kind of installation method, the lamp must be installed reliably to prevent loosening and falling off.

Notice

1. Please first read the product specification carefully, make sure the using environment conform to specification, then it can be used;
2. Please confirm the input voltage, frequency before use;
3. This product must be installed by professionals;
4. If there is any damage to the power wire or shell of the product, it should be taken as defective product and do not use;
5. Dangerous high voltage, non-professionals are not allowed to maintain the product;
6. If external soft cable or soft wire of the light is damaged, it should be replaced by manufacturer or service agent or personnel with similar qualification to avoid danger.