

FREELUX 菲瑞克斯

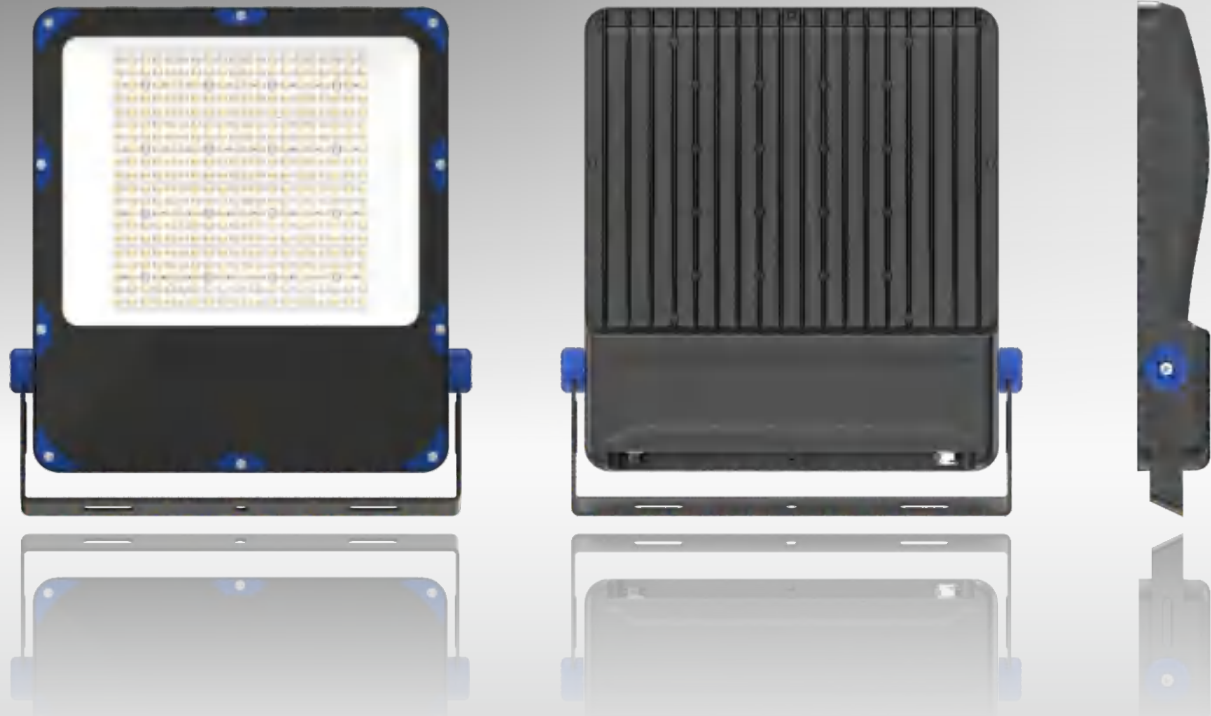
PTG004B Dongfeng

3 Snap-on Floodlight



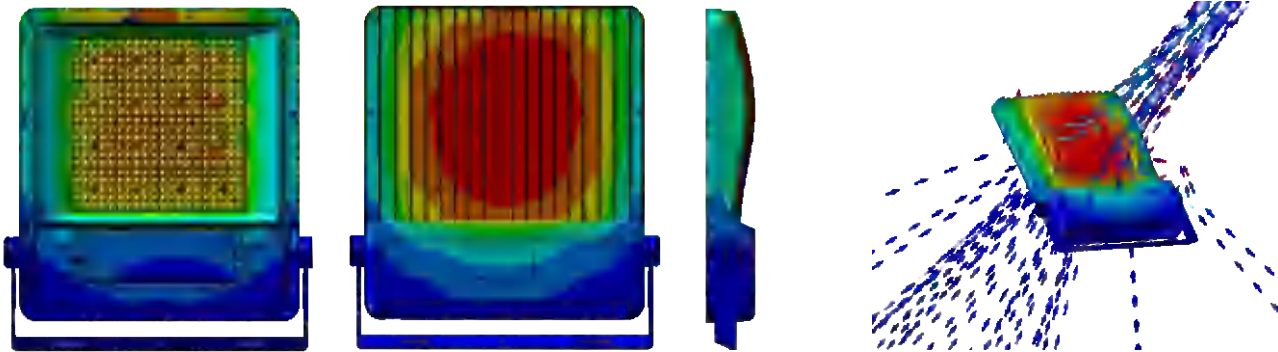
30W / 50W / 100W / 150W / 200W / 300W / 400W / 600W

OVERVIEW



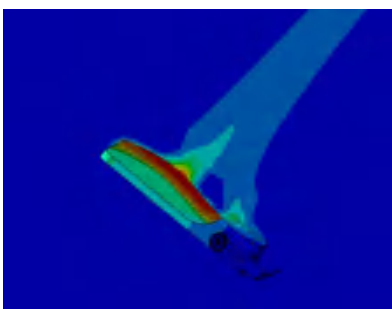
THERMAL CONTROL TECHNOLOGY

Structure optimized by advanced FEA technology to realize fast heat dissipation. Uniform heat distribution and keep high luminous flux to achieve longer lifespan.

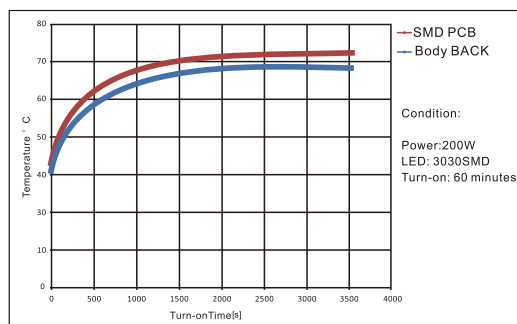


Thermal Conductivity

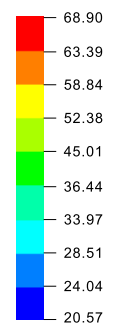
Thermal Air Convection



Thermal Effects to Air



Temperature Rise Curve



Unit: °C

EXPLODED

ADC12 Die-casting aluminum body,
Thermal efficiency 96W/M.K

DOB IC solutions

3030/5050SMD light source

Anti-uv waterproof optical PC lens

Re-enforced iron bracket

Scale gear

Breathing valve
heat dissipation

Waterproof gland

Waterproof power supply

Nano-PC reflector

UV-proof waterproof silicone gel

Tempered glass cover

Buckle

TWO BODY COLORS ARE AVAILABLE



DIP switch:

1. Warm light: 3000K
2. Neutral light: 4000K
3. Cool light: 6000K

APPLICATIONS

Widely used in indoor and outdoor lighting places.
Suitable for stadiums, bridges, billboards, villas,
outdoor walls and park lighting.



Court



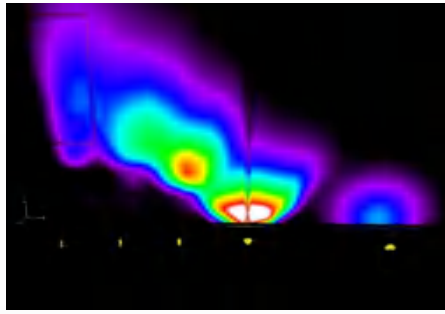
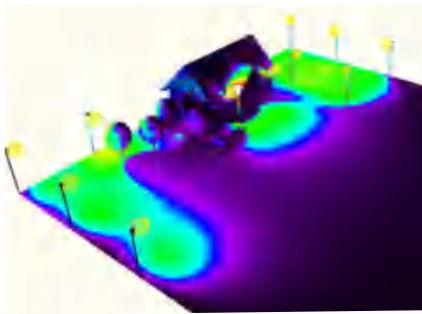
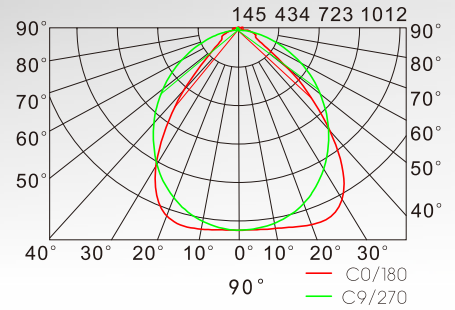
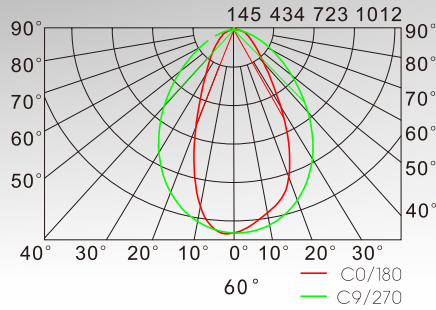
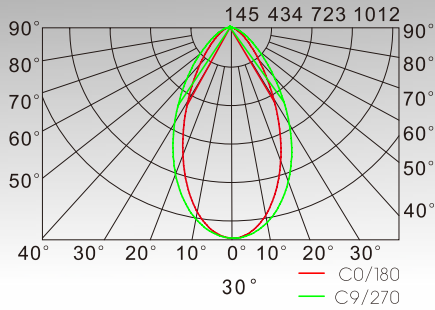
Villa



Bridge

OPTICS

Tech. Support: Please provide the information of road length, width, height and application scene to us. Our professional engineer team will proceed the lighting DIALUS simulation and evaluate the lighting quantity and effect for your project. ies files are available upon request.



INSTALLATION METHODS



MAIN PARAMETERS

PTG004B



30W



50W



100W



150W



200W



300W



400W



600W

DF-3(Glue style)



30W



50W



100W



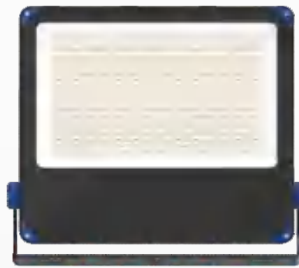
150W



200W



300W



400W



600W



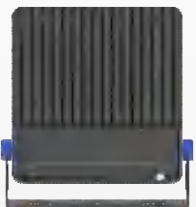
30W



50W



100W



150W



200W



300W



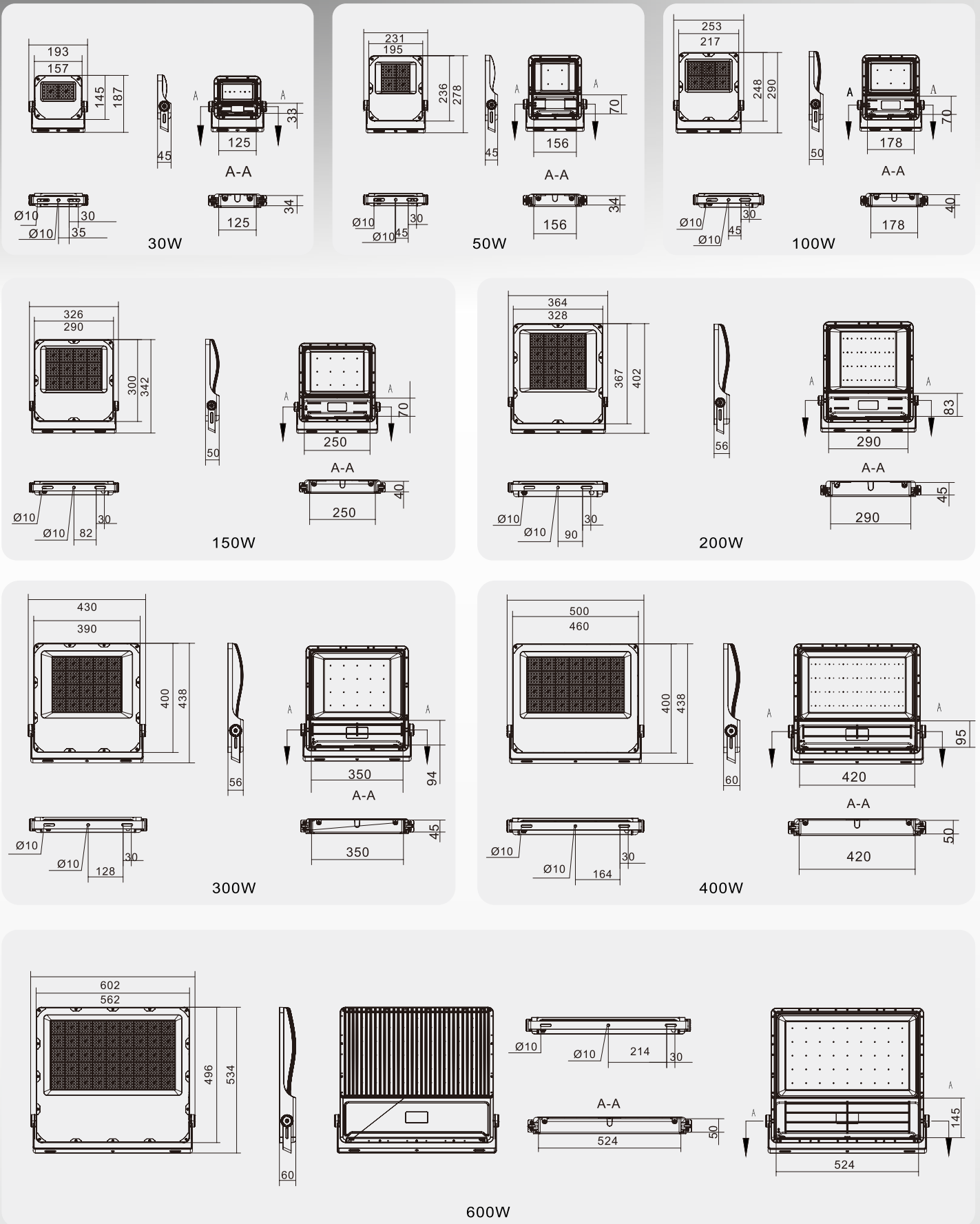
400W



600W

DIAGRAMS

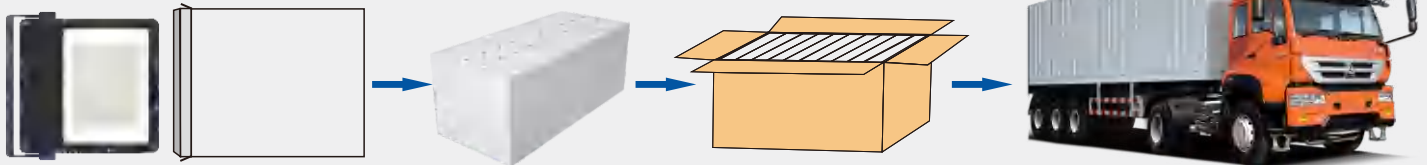
Unit:mm



PARAMETERS

Power	30W	50W	100W	150W	200W	300W	400W	600W
Size(mm)	193*187*50	231*278*50	253*290*56	326*342*56	365*402*62	430*438*62	500*438*66	602*534*66
Input Voltage	85-265V							
Materials	ADC12 Die-casting aluminum + PC							
IP Grade	IP65							
LED Qty	48	96	144	288	384	480	672	1080
Power Factor	PF≥0.9							
Beam Angle	30°、60°、90°							
Efficiency	110LM/W							
Number of series and parallel connections of AL PCB	8C6B	8C12B	8C18B	8C36B	8C48B	8C60B	8C84B	8C135B

PACKAGING



FEATURES

1. AC85-265V universal voltage.
2. Luminous efficiency up to 110LM/W.
3. 3030/5050 high brightness SMD lamp beads. LM-80 report and .ies files are complete.
5. PF>0.9.
6. Die-cast aluminum lamp body, Aksu high-grade anti-corrosion coating.
7. IP65 outdoor structural waterproof.
8. 2-year reliable warranty.
9. A full set of export certifications are complete.

CAUTIONS:

1. Installation must be done by professional electricians.
2. Do NOT dismantle the product. It may be dangerous.
3. Do NOT stare at the light with naked eyes. It is harmful to eyes.
4. For outdoor lighting, waterproof measurements must be done to cable terminals.



Structural clear view