

SPECIFICATION FOR FLOODLIGHTS

Warranty

1. All LED Flood Lights are warranted by the manufacturer to be free of defects in material and workmanship for 5 years.
2. Warranty becomes void if the products is modified, improperly installed or used, damaged by accident or neglect, or if any parts are improperly installed or replaced by the user,
3. During the period of warranty time, if some products of us fails during normal circumstances and applications or have any defects above defined, we shall at our own choice replace or repair the defective products at no charge. And the liability claims would NOT exceed the value of the product itself.

Non-lens vERS1ON



30W



50W



100W



150W



200W



250W



300W/400W

lens vERS1ON



30W



50W



100W



150W



200W



250W



300W/400W

Produkt parameters // CONVENTION

Model	HYG-FK1-30	HYG-FK1-50	HYG-FK1-100	HYG-FK1-150	HYG-FK1-200	HYG-FK1-250	HYG-FK1-300	HYG-FK1-400
Size(mm)	242x175x51	288x223x52	343x274x56	395x390x59	446x390x58	497x390x61	503x544x66	503x544x66
Input Voltage	AC90-270V 50/60Hz PF>0.95 Ambient temp.(°C)-20°to+50°							
Luminous Flux	150LM/W							
CCT	3000K/4000K/6500K							
Light Source	3030x36pcs	3030x60pcs	3030x120pcs	3030x180pcs	3030x240pcs	3030x300pcs	3030x360pcs	3030x360pcs
CRI	>Ra80							
Lumen Output as per LM79(lumens)	4500LM	7500LM	15000LM	22500LM	30000LM	37500LM	45000LM	60000LM
Beam Angle	120°							
Dimmable	0-10V/DALI Optional							
IP code	IP66							
Warranty period	3-5 years							

Produt parameters

OPTICAL LENS

Model	HYG-FK2-30	HYG-FK2-50	HYG-FK2-100	HYG-FK2-150	HYG-FK2-200	HYG-FK2-250	HYG-FK2-300	HYG-FK2-400
Size(mm)	242x175x51	288x223x52	343x274x56	395x390x59	446x390x58	497x390x61	503x544x66	503x544x66
Input Voltage	AC90-270V 50/60Hz PF>0.95 Ambient temp.(°C)-20°to+50°							
Luminous Flux	150LM/W							
CCT	3000K/4000K/6500K							
Light Source	3030x48pcs	3030x72pcs	3030x128pcs	3030x160pcs	3030x240pcs	3030x320pcs	3030x512pcs	3030x512pcs
CRI	>Ra80							
Lumen Output as per LM79(lumens)	4500LM	7500LM	15000LM	22500LM	30000LM	37500LM	45000LM	60000LM
Beam Angle	30/60/90/120/140°70/70°150/150°80/50°140/140°/Asymmetric40°							
Dimmable	0-10V/DALI Optional							
IP code	IP 66							
Warranty period	3-5 years							

Featyres

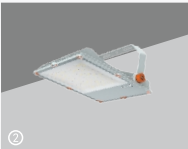


1. Optimized smooth curve heat-sink body with perfect thermal management and flushing out dirt simply
2. Marine rate anti corrosion coating (optional)
3. Stainless steel bracket and front cover and grid available
4. Toughened clear front glass
5. 20W/30W/50W/80W/100W/150W/200W/300W/400W /500W/600W / 800W/900W/1000W/1200W/ 1500WLED system
6. LED available in Cool/Natural/ Warm White or Amber(Turtle Friendly)
7. Symmetric and Asymmetric both distribution all witha choice of narrow, medium or wide LED lenses or reflectorsfor full of different applications.
8. Instant switch ON/OFF
9. 1-10V DALI etc dimming (optional)
10. Secondary HV surge protection (Optional)
11. Long system life (includes LED drivers)

Installation Instructions



Floor installation.



Ceiling Mounted installation.



Wall Mounted installation.



Pole installation.

Note

1. Installation must be done by professional electricians.
2. Do NOT take apart 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 the cable terminals.

Decomposition diagram

Strong iron installation bracket

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

Highly thermal conductive aluminum PCB ensures
lower temperature of LEDs.

High temperature resistant optical lens.
UV-Proof design. Do not turn yellow after
long time. Precision lighting angles.



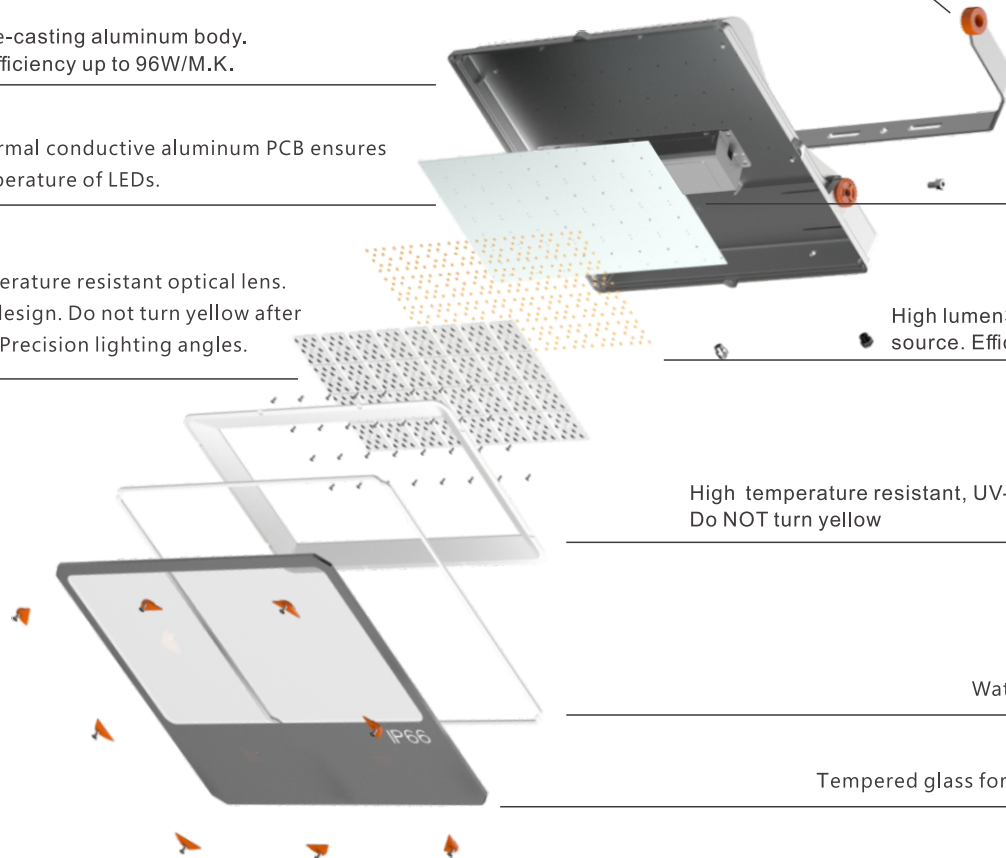
Famous LED Driver
MEANWELL is adopted
to ensure stable
performance.

High lumen 3030/5050 SMD light
source. Efficacy up to 150lm/W.

High temperature resistant, UV-proof nano-reflector.
Do NOT turn yellow

Waterproof silicone gel.

Tempered glass for harsh applications.

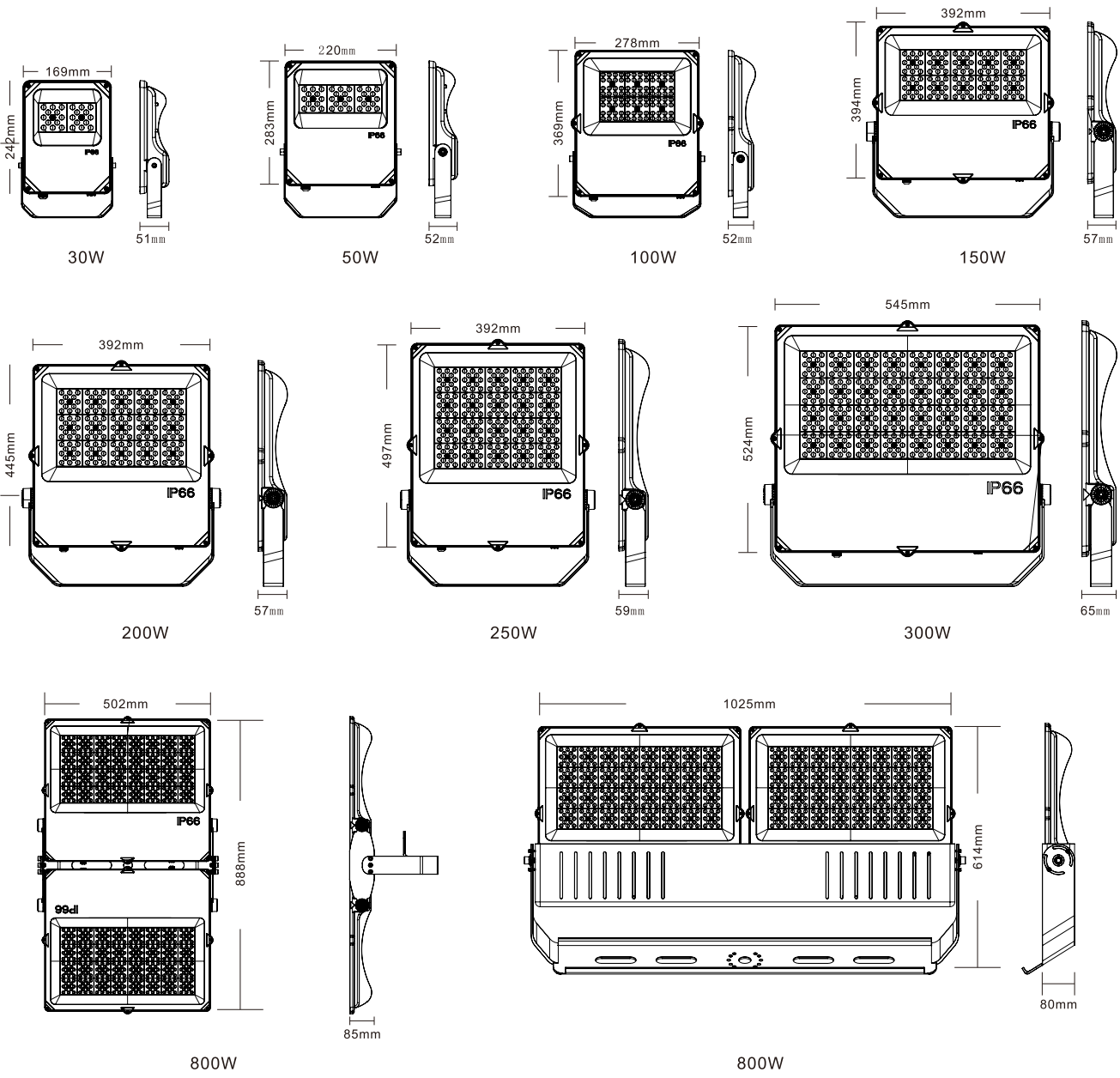


Widely Applicable to

Wharf and port facilities, chemical works, Material handling machines Coal preparation plants, Draglines, Conveyor gantries and walkways, Transfer towers and stairways, Tunnels, Sewerage treatment plants General area lighting, Car parks, Public parks and pathways, Material processing plants, Coal handling systems, Ship loaders, Stacker reclaimers, General security lighting, Logistic and distribution facilities, Building perimeter lighting.



Product size



Packing List



Mode NO	HYG-FK-30	HYG-FK-50	HYG-FK-100	HYG-FK-150	HYG-FK-200	HYG-FK-250	HYG-FK-300
Carton Size(mm)	255x180x60	320x235x60	/	/	/	/	/
Color box size(mm)	740x290x320	490x335x320	430x310x105	460x410x115	4515x410x115	560x410x115	590x5760x115
PCS/ctn	20	10	1	1	1	1	1
KGS	24KG	19KG	3.6KG	5.2KG	5.8KG	6.5KG	10.8KG

