

SWT-F05

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Product description

- 200W/300W/400W/500W/600W/800W /900W/1000W/1200W
- SMD5050/3535/3737 for option.
- Luminous efficiency can reach 170 /190 /200lm/W & Ra70
- One-piece die-casting, round appearance design, light weight.
- Stainless steel bracket (optional) + die-cast aluminum ADC12 material design, surface spray outdoor powder process, can meet the port, dock and other seaside environment projects.
- Six light distribution angles： 12°/15°/22°/25°/40° /60°， can meet the lighting needs of stadiums, ports and docks.
- Dial design, visual adjustment angle of lamps.
- Split power supply installation design, can realize split installation, remote control, low lamp construction and maintenance cost.
- Optional light shield, safety rope, laser pointer to meet the diverse requirements of the project.

Application：

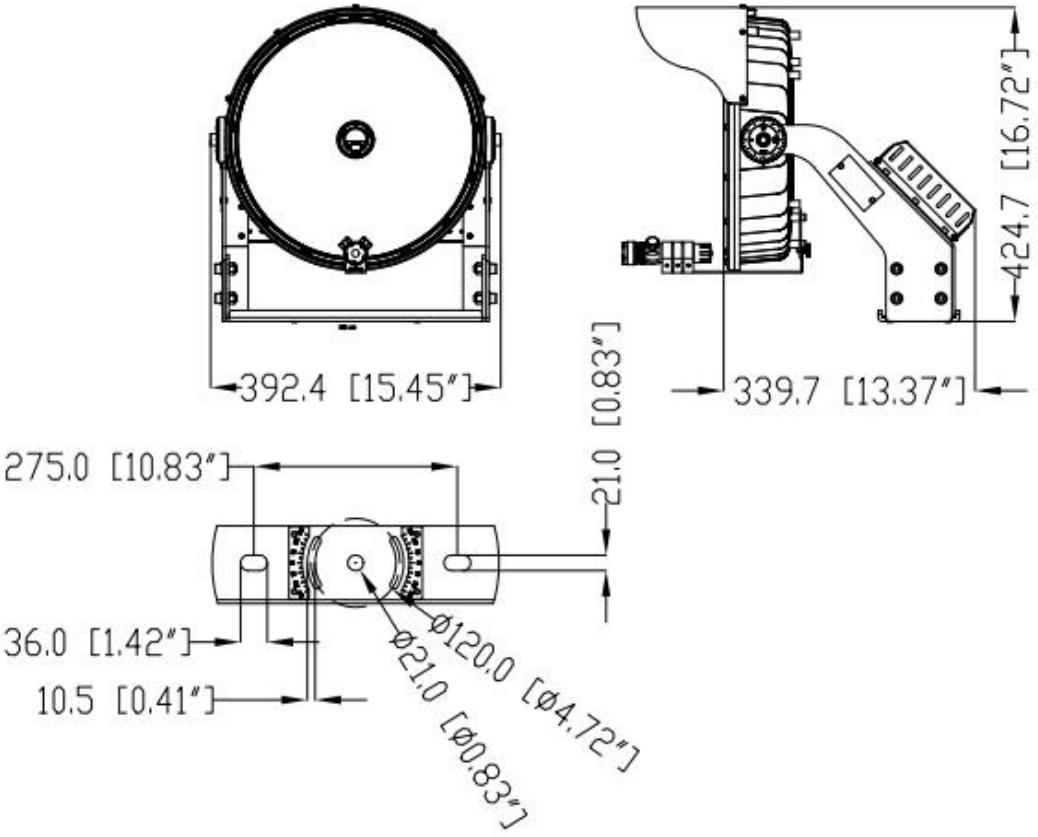
Widely used in schools, airports, ports, docks, sports facilities, community stadiums, squares, high-speed high pole lights, large outdoor facilities lighting

CE RoHS CCC EMC

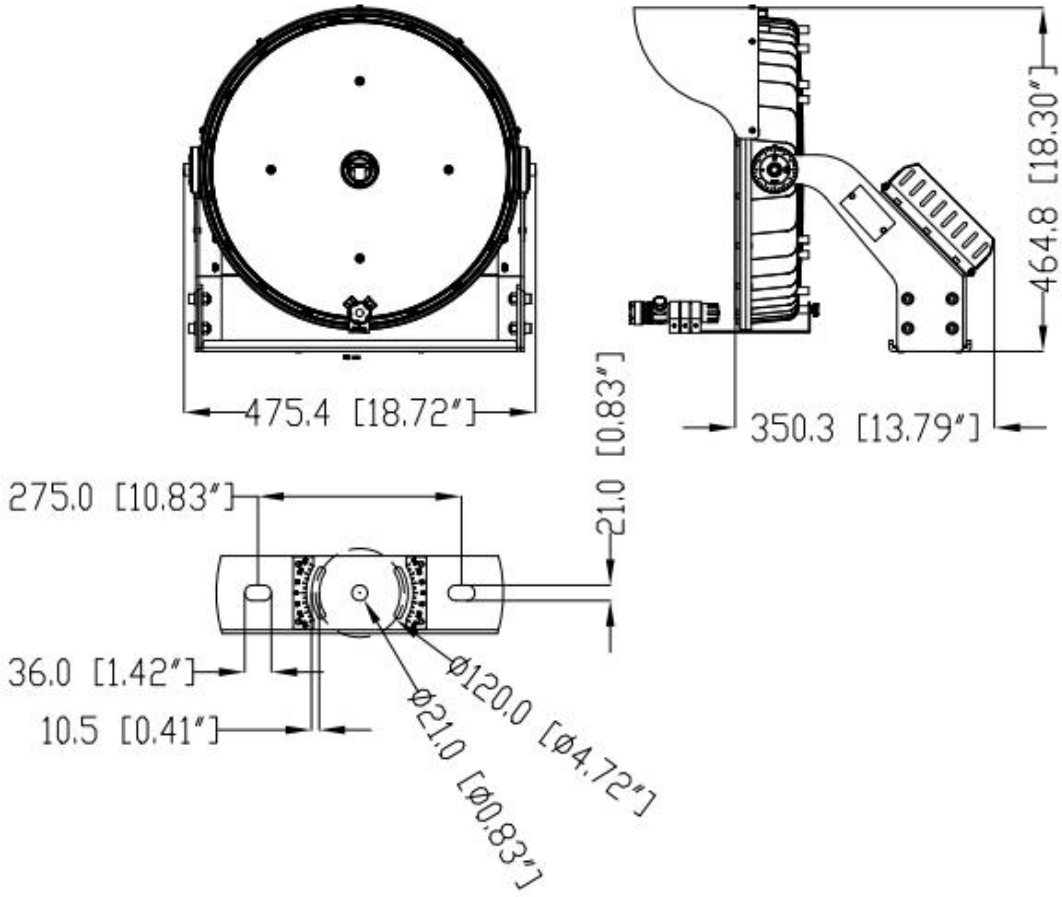
Product parameters

Model No	SWT-F05-200W	SWT-F05-300W	SWT-F05-400W	SWT-F05-500W	SWT-F05-600W	SWT-F05-800W	SWT-F05-900W	SWT-F05-1000W	SWT-F05-1200W
Input power(w)	200W	300W	400W	500W	600W	800W	900W	1000W	1200W
Input voltage(V)	100-277Vac ;50/60Hz								
Input Current (A)	0.92A@230V	1.40A@230V	1.85A@230V	2.30A@230V	2.75A@230V	3.70A@230V	4.20A@230V	4.60A@230V	5.50A@230V
PF	≥0.90								
Driver Brand	Inventronics/SOSEN								
Driver Type	isolated/ built-in								
Surge protection	SPD-10KV；SPD-20KV option								
Start Time	≤0.5S（&230V）								
Class Rate	Class Ⅰ								
Flicker	No Flicker								
Flicker rate	≤8%(standard)； ≤3%（option）								
THD	< 20%								
LED Brand	SMD5050:Lumileds/TYF;SMD3535/3737:OSRAM/TD/JN;								
LED Type	SMD5050/SMD3535//SMD3737								
Beam angle	15°/25°/40°/60°					12°/22°/40°/60°			
CCT	4000K/5000K/5700K								
CRI/R9	Standard：Ra>70；Ra>80/Ra>90/TLCI>90//R9>0(option)								
SDCM	≤7								
Working temperature	-30° —— +45°								
Luminaire efficiency（Lm/W）	165-195Lm/W ±10%	160-190Lm/W± 10%	155-185Lm/W± 10%	155-190Lm/W± 10%	150-185Lm/W± 10%	150-185Lm/W± 10%	145-180Lm/W± 10%	150-185Lm/W± 10%	145-180Lm/W± 10%
Dimming function	0-10V/1-10V/DALI2.0/DMX512（(option ）								
Housing material	ADC 12 die-casting								
Housing color	RAL9017 black（standard）;RAL9007 grey ((option ）								
Housing surface treatment	Dusting								
IK/IP	IK08/IP66								
AC input line specifications	3*1.5²（1000mm ±50mm）								
Warranty	5 years								
Option spare parts	Laser pointer/light shield/safety rope/SUS304 bracket（(option ）								
N.W(kg)	/			/		/		/	
G.W(kg)	/			/		/		/	
Dimensions(mm)	424.7*392.4*339.7mm			475.4*464.8*350.3mm		537.4*595.3*469.3mm		626.2*598*469.9mm	
Packing size/pcs	/			/		/		/	

Dimensions (mm/inch)

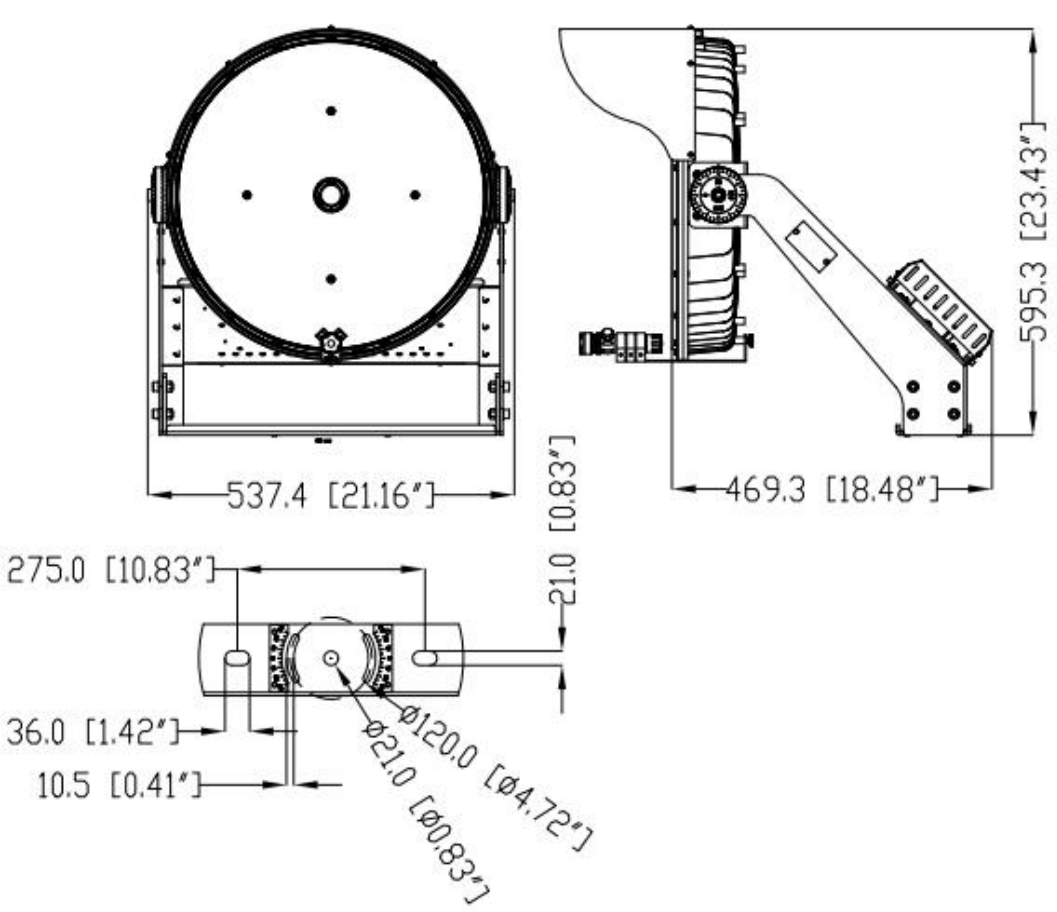


200W/300W/400W

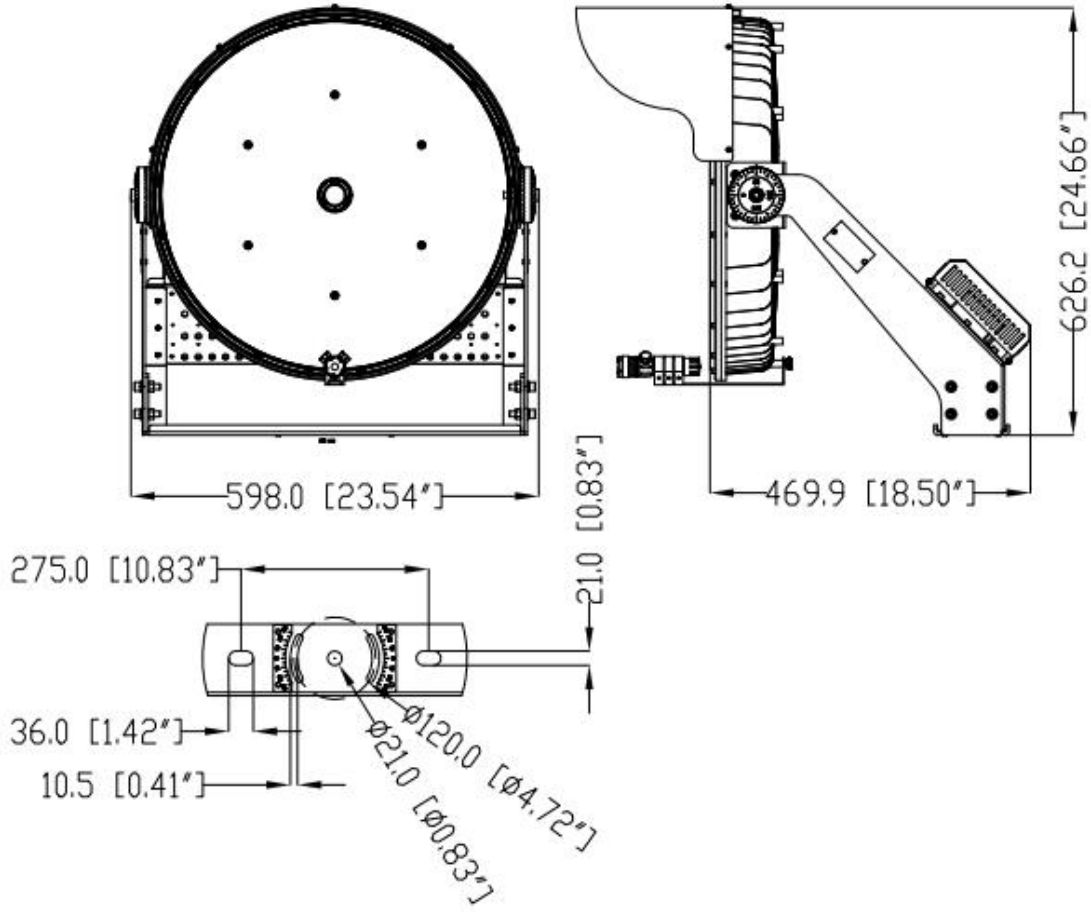


500W/600W

Dimensions (mm/inch)

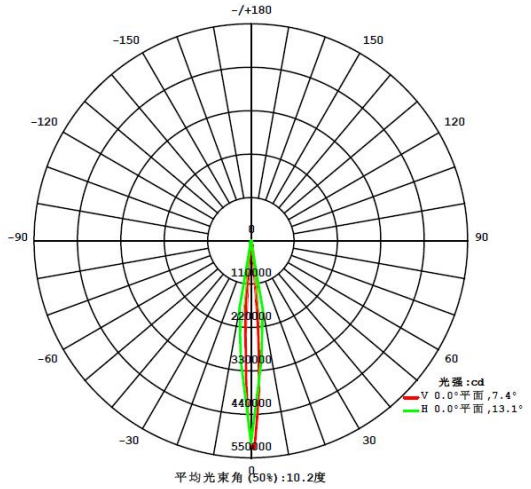


800W/900W

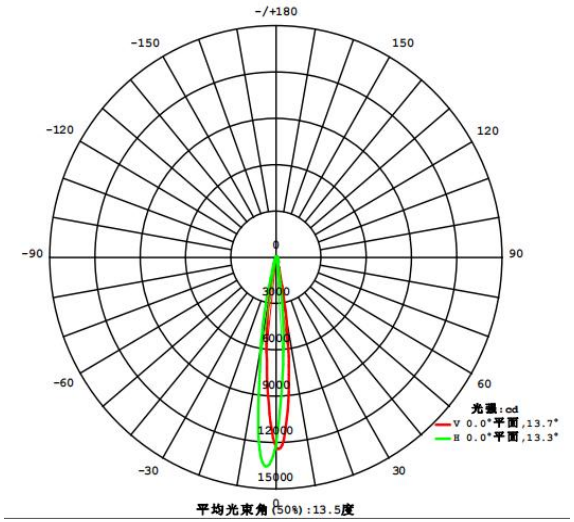


1000W/1200W

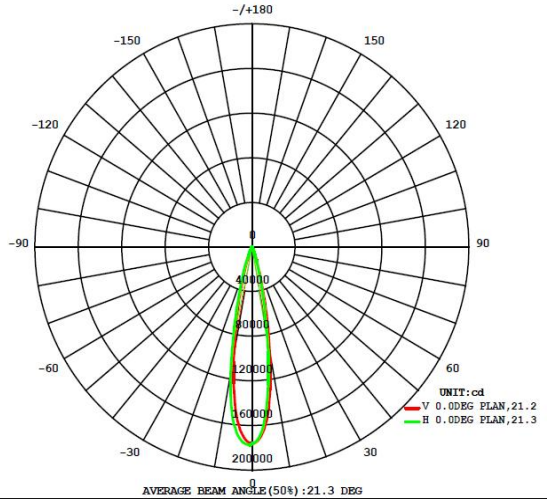
Light Distribution Curve



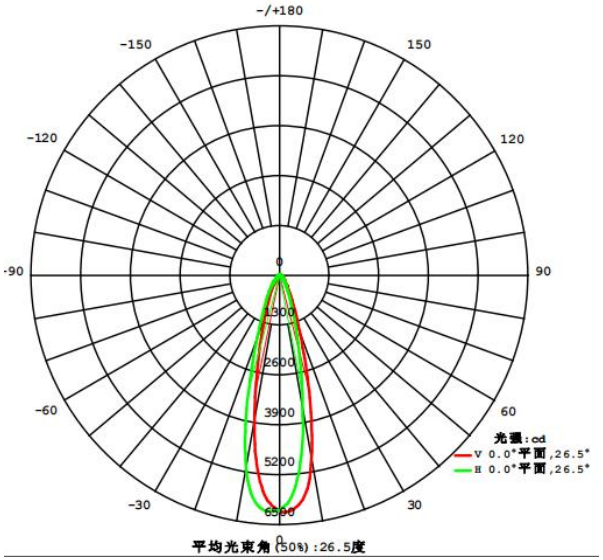
12°±2.5°



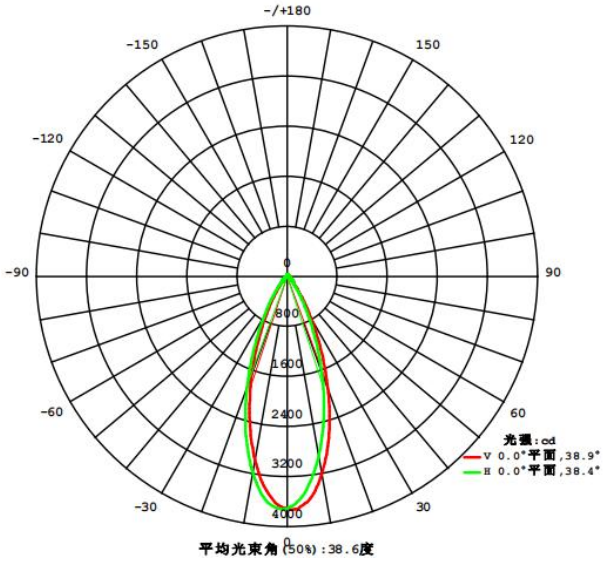
15°±2.5°



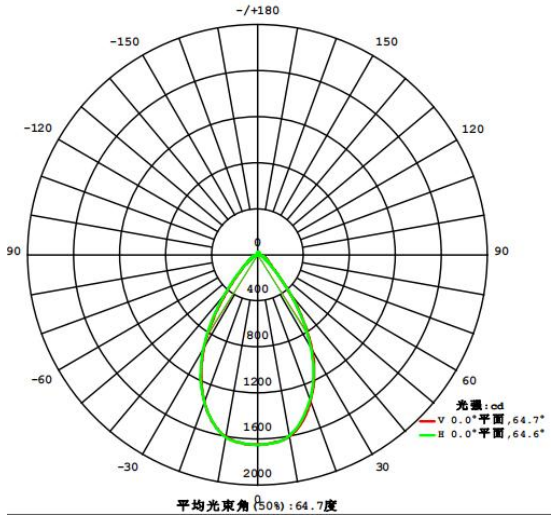
22°±2.5°



25°±2.5°



40°±5°



60°±5°