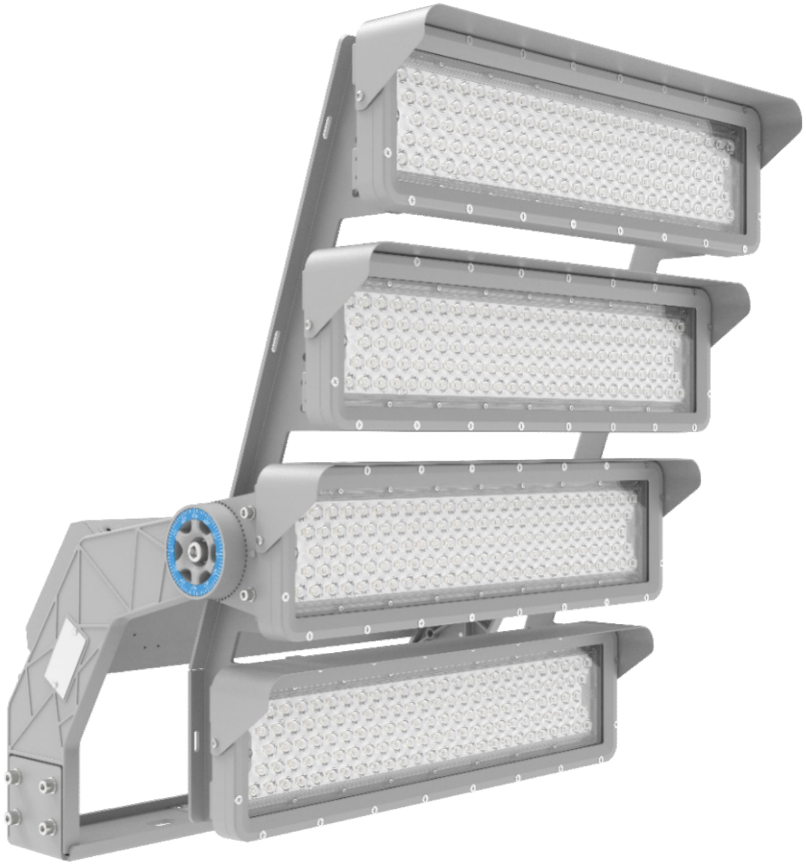


SWT-F01

www.sensetechlight.com
NO.6 ShengXing Street WuSha Community, ChangAn Town,
Dongguan City,Guangdong Province, P.R.China

Rev：A1—20251103

Product description

- 300W | 400W | 600W | 800W | 900W | 1000W | 1200W | 1500W | 1600W
- The product adopts ADC12 die-casting + fin forming, multi-module splicing, independent heat dissipation, and better performance;
- The surface of the accessories is electrostatically sprayed, strong and anti-corrosion;
- Adopt air convection active heat dissipation method to ensure the working temperature of the light source is lower;
- Multiple optical angles, including 13°/25°/40° ;
- Modular design can be assembled with different power specifications to meet the lighting needs of different sites.
- 10KV/20KV SPD lightning protector, surge protection, not afraid of lightning strikes
- Contour dial design, 360° adjustable angle installation of lamps without blind spots.
- IP66/IK08 protection grade design
- In consideration of safety, an anti-suspended chain structure is designed;

Applications:

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

CE CCC EMC RoHS

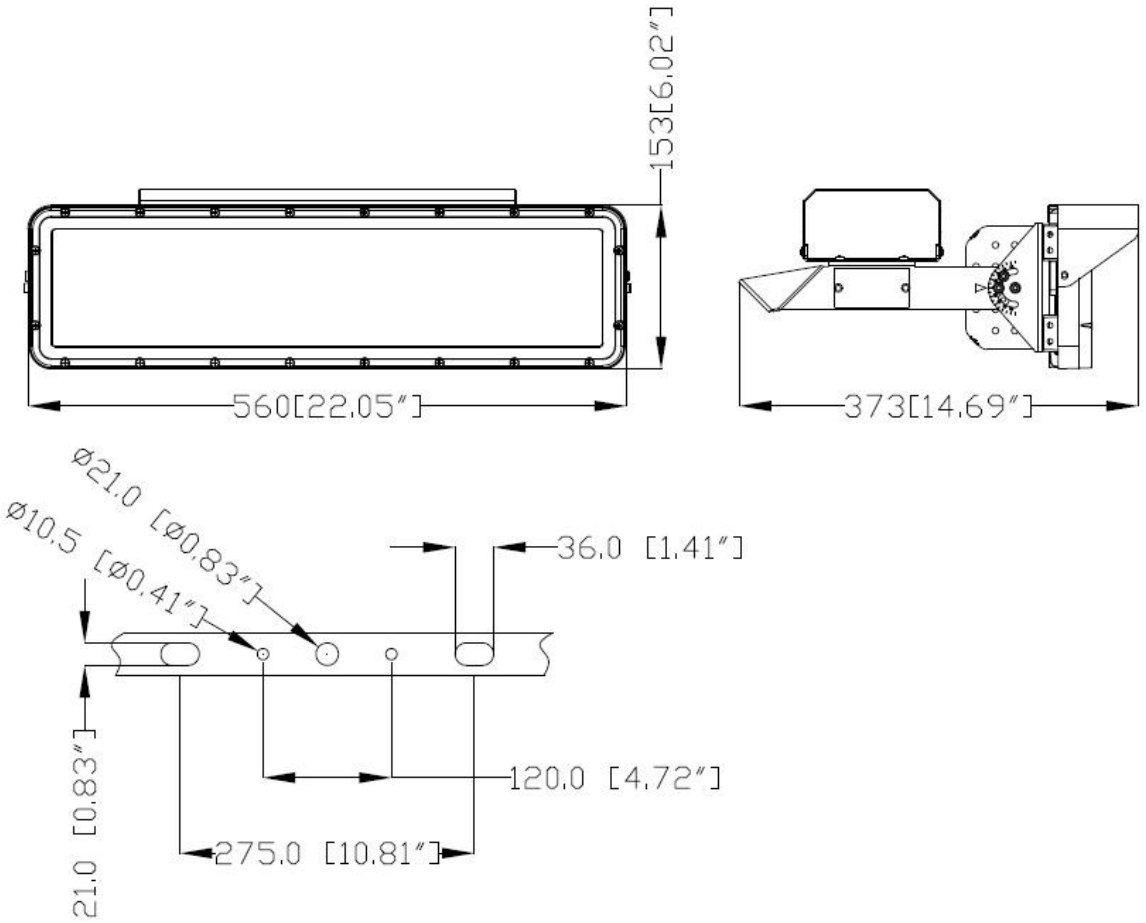
LED Stadium Light

SWT-F01

Product parameters

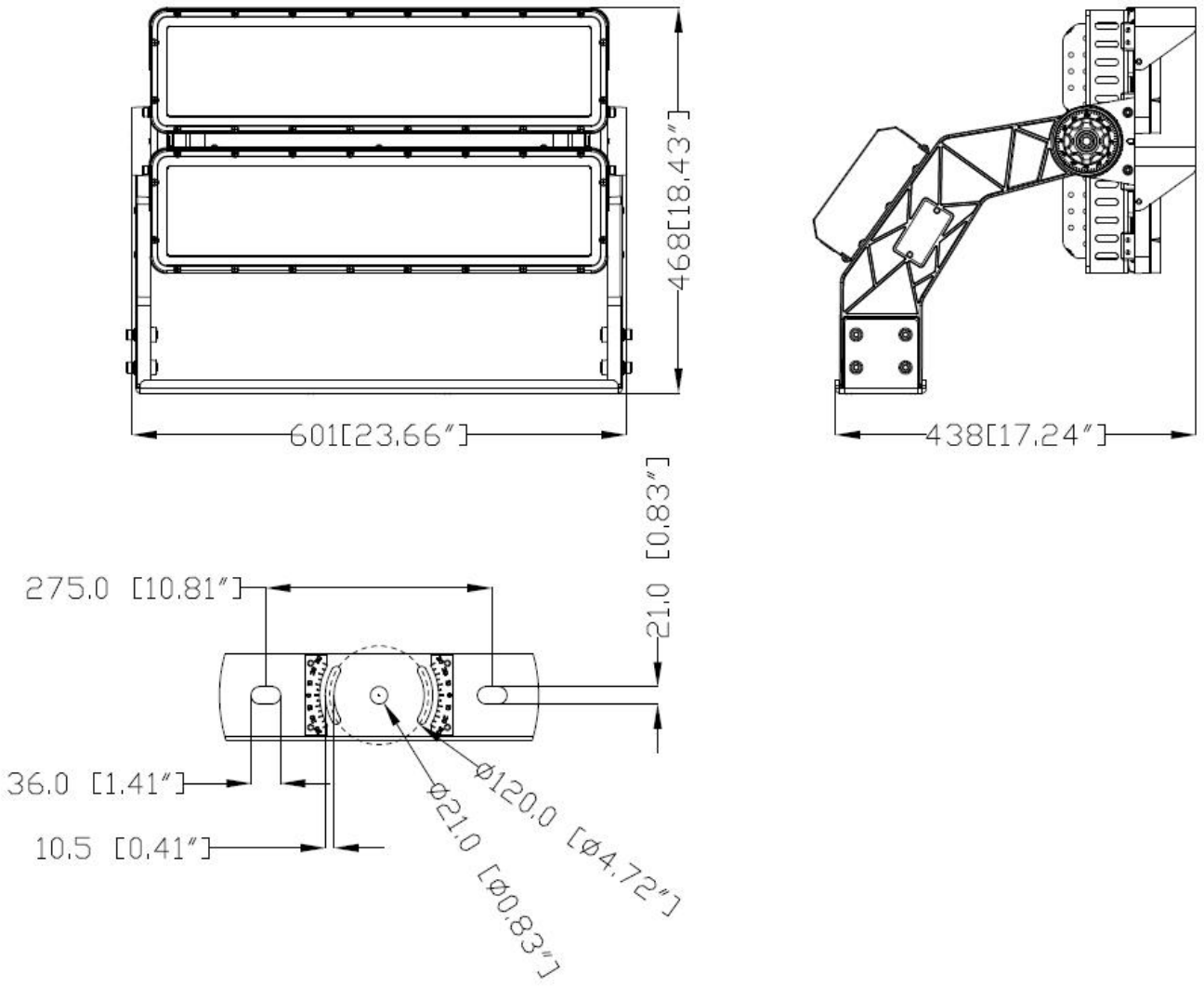
Model No	SWT-F01-300W	SWT-F01-400W	SWT-F01-600W	SWT-F01-800W	SWT-F01-900W	SWT-F01-1000	SWT-F01-1200	SWT-F01-1500	SWT-F01-1600
Input power(w)	300W	400W	600W	800W	900W	1000W	1200W	1500W	1600W
Input voltage(V)	100-277VAC or 277-480VAC；50/60Hz								
Input Current（A）	1.25A@AC230V	1.85A@AC230V	2.50A@AC230V	3.70A@AC230V	3.90A@AC230V	4.30A@AC230V	5.20A@AC230V	6.20A@AC230V	7.40A@AC230V
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)；								
THD	< 15%								
LED Brand	Domestic，Lumileds(optional)								
LED Type	SMD3535@13°，SMD5050@25°/40°								
Beam angle	13°/25°/40°								
CCT	4000K~6500K CCT								
CRI/R9	Ra>70；Ra>80(optional)；Ra>90(optional)；TLCI>90(optional);/R9>0；								
SDCM	≤7								
Working temperature	-30° — +50°								
Luminaire efficiency (Lm/W)	155Lm/W±10%@ 25°/40°@Ra70,145Lm/W±10%@ 25°/40°@Ra80,135Lm/W±10%@ 25°/40°@Ra90 130Lm/W±10%@ 13°@Ra70,125Lm/W±10%@ 13°@Ra80,115Lm/W±10%@ 18°@Ra90								
Dimming function	0-10V/1-10V/DALI/DMX512（optional）								
Housing material	ADC12+AL1070 / Stainless glass								
Housing color	RAL9007 GreyR/ AL9017 Black（optional）								
Housing surface treatment	Dusting								
IK/IP	IK08/IP66								
AC input line specifications	3*1.5²（1.5M）								
Warranty	5 years /（7 years/10 years optional）								
Option spare parts	Light shield/safety rope (optional)								
N.W(kg)	6.8kg (without driver box) / 10.2kg (with driver box)		20.5kg (without driver box) / 26kg (with driver box)		24kg (without driver box) / 30kg (with driver box)		31.2Kg (without driver box) / 37.2kg (with driver box)		
G.W(kg)	8kg((without driver box)) / 11.4kg (with driver box)		22kg(without driver box) / 27.5kg (with driver box)		26.2kg (without driver box) / 32.2kg (with driver box)		34.2kg (without driver box) / 40.2kg (with driver box)		
Dimensions(mm)	560*153*373mm		601*468*438mm		601*564*498mm		601*744*556mm		
Packing size/pcs	635*395*220mm		665*665*280mm		790*665*290mm		980*665*290mm		

Dimensions(mm/inch)



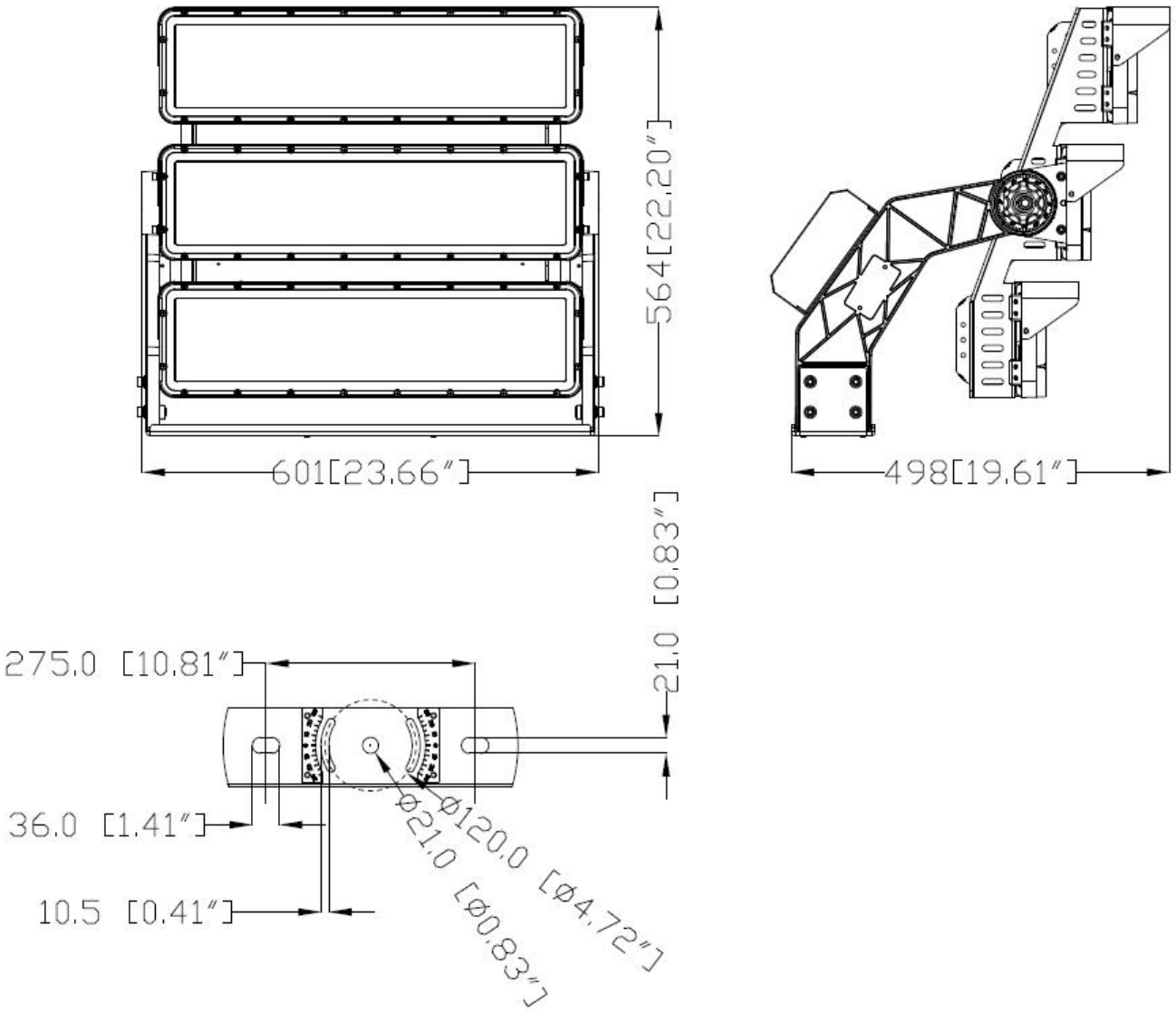
300W/400W

Dimension (mm/inch)



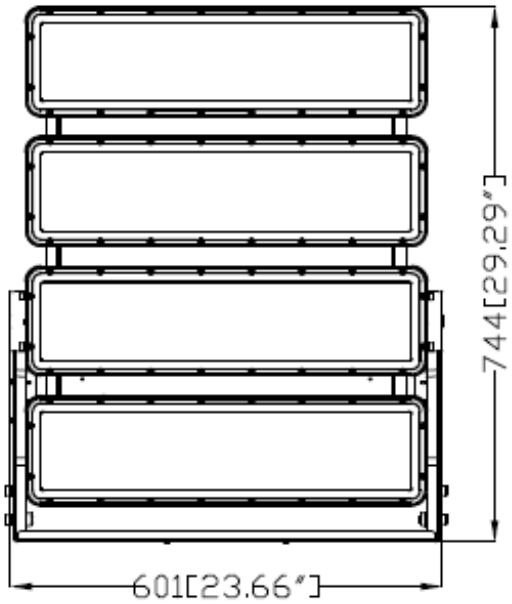
600W/800W

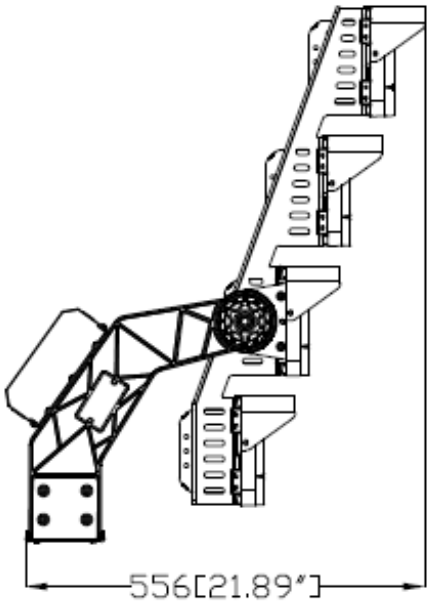
Dimensions (mm/inch)

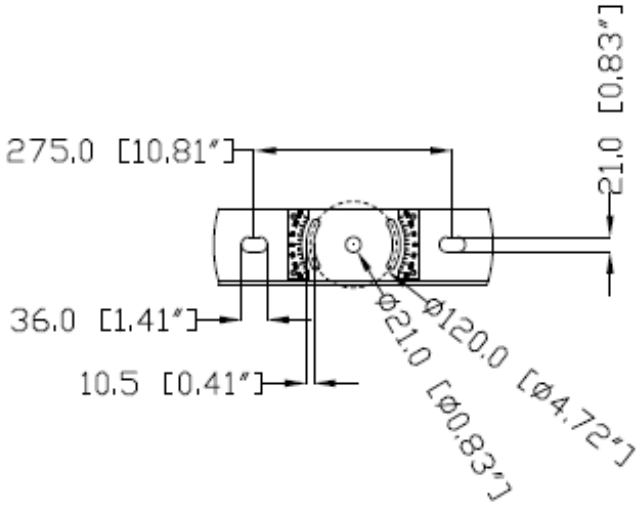


900W/1000W/1200W

Dimensions (mm/inch)







1500W/1600W

Light distribution curve

13°±2.5°

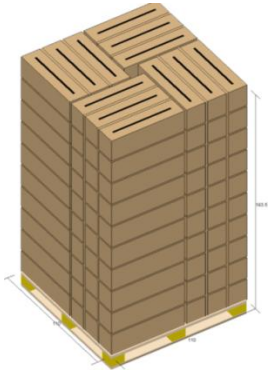
25°±5°

40°±5°

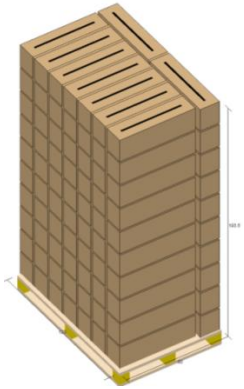
Packing Info

Model No	SWT-F01-300 / 400W	SWT-F01-600 / 800W	SWT-F01-900 /1000W /1200W	SWT-F01-1500 / 1600W
Input power	300 / 400W	600 / 800W	900 / 1000W / 1200W	1500/1600W
N.W(kg)	6.8kg (without driver box) / 10.2kg (with driver box)	20.5kg (without driver box) / 26kg (with driver box)	24kg (without driver box) / 30kg (with driver box)	31.2Kg (without driver box) / 37.2kg (with driver box)
Dimension(mm)	560*153*373	601*468*438	601*564*498	601*744*556
Inner box(mm)	/	/	/	/
Box quantity(pcs)	/	/	/	/
Cartons size(mm)	635*395*220	665*665*280	790*665*290	980*665*290
PCS/CTN (pcs)	1	1	1	1
N.W(Kg)	8kg((without driver box)) / 11.4kg (with driver box)	22kg(without driver box) / 27.5kg (with driver box)	26.2kg (without driver box) / 32.2kg (with driver box)	34.2kg (without driver box) / 40.2kg (with driver box)
G.W(Kg)	/	/	/	/
1111 pallets (pcs/plt)	32	6	6	6
1208 pallets (pcs/plt)	32	6	6	6
20'GP pallet (pcs/container)	352/352	144/144	126/126	108/108
40'GP pallet (pcs/container)	736/736	306/306	252/252	216/216
40'HQ pallet (pcs/container)	920/920	408/408	336/336	288/288
20'GP cartons (pcs/container)	450	192	147	126
40'GP cartons (pcs/container)	900	408	294	252
40'HQ cartons	990	612	378	324

Stacking diagram (1111 pallet)



Stacking diagram (1208 pallet)



40'GP container bulk diagram

