
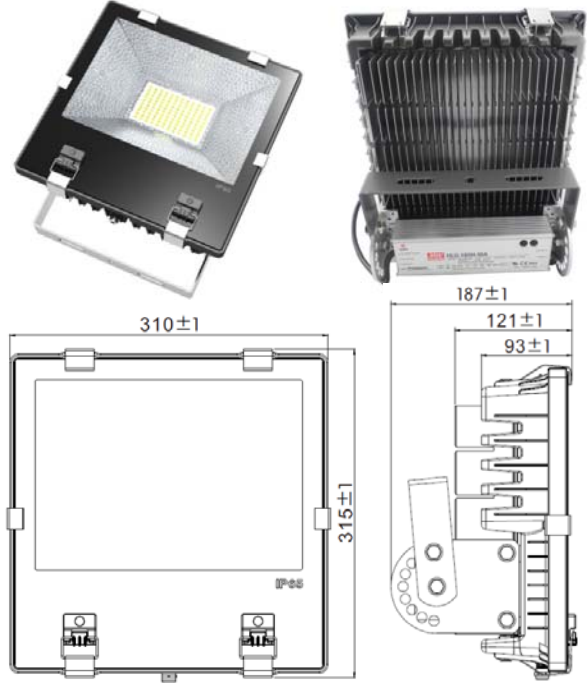
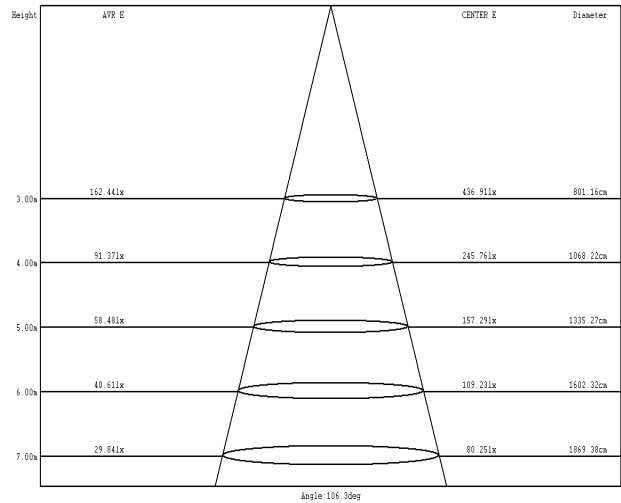


MANUAL OF LED FLOOD LIGHT

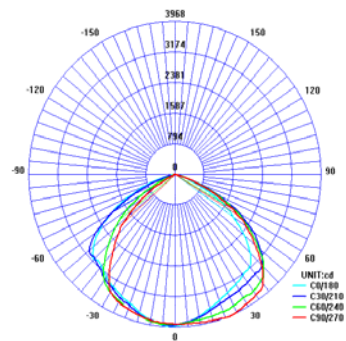
Model No.	TA-FL120		
Order No.	TA-FL120-WW	TA-FL120-PW	TA-FL120-CW
Dimension	315x310x18mm		
System Power Consumption	120-148W		
Input Voltage	90-305VAC 50HZ-60HZ		
Light Source	120 pcs High Power LED SMD3535		
Total Harmonic Distortion	≤9%		
LED Driver	External Driver, UL approved		
Power Factor	>0.9		
Power Efficiency	>0.9		
Led Luminous Efficiency	75-80lm/W		
Beam Angle	100°		
Average Luminous Flux	10,000-11,800lm		
CCT	2700-3700K	4000K-5300K	5500K-6700K
CRI	>70		
Working Temperature	-30°C ~ +55°C @35~90%RH		
Storage Temperature	-40°C ~ +85°C @5~95%RH		
IP Grade	65		
Color	Red/ Green/ Blue/ WW/ PW/CW		
Material of the lamp shell	Housing: Aluminium with copper cooling fins Cover: ASA plastic with Strengthen glass		
Net Weight	6.4kg/pc		
Package Size & Weight	430x430x600mm 14kg/carton 2pcs each carton		
Certificate			



Illuminance Diagram



Light Distribution Curve

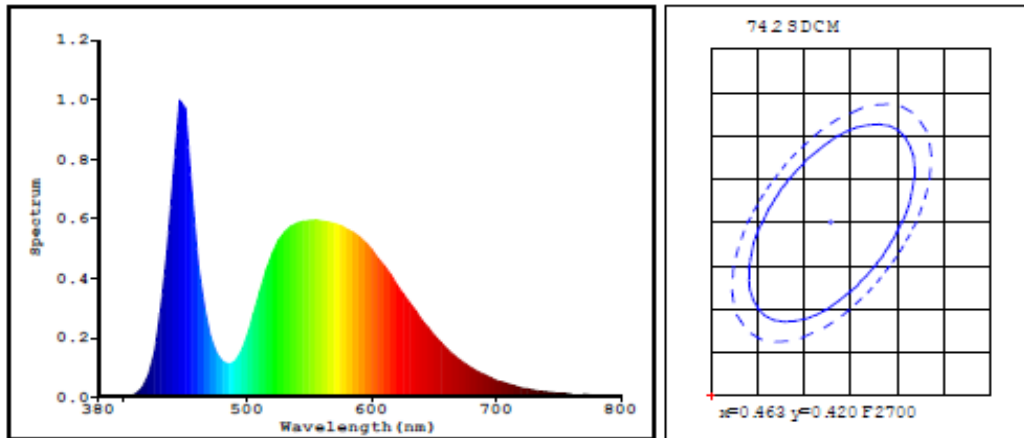


Main Features

- *50% less in power consumption than traditional flood light
- *Instant on and adjustable projecting direction
- *Eco-friendly, no UV,IR, flicker and mercury free
- *High power efficiency with good heat dissipation
- *Maintenance free, extra long lifespan of over 50,000 hours
- *Ideal for outdoor application, commercial buildings, AD boards, etc.

Spectrophotometer Test Report

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: x=0.3314 y=0.3487/u'=0.2033 v'=0.4812
 Tc=5448K Dominant WL:Ld=547.8nm Purity=4.1% Centroid WL:549.0nm
 Ratio:R=14.5% G=82.5% B=3.0% Peak WL:Lp=445.0nm HWL:23.4nm
 Render Index:Ra=71.7
 R1 =70 R2 =75 R3 =78 R4 =73 R5 =71 R6 =67 R7 =80
 R8 =60 R9 =0 R10=40 R11=71 R12=42 R13=70 R14=87 R15=65

Photo Parameters:

Flux: 10207 lm Fe: 30.764 W Efficacy:79.03 lm/W

Electrical Parameters:

Luminaire: U=219.2V I=0.6082A P=129.1W PF=0.9689

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=33882(G=4,D=52)
 REF=21482(R=3) s=-0.075% FMT: 23.9 centigrade [150.0]

Product Type:FK-FL120-100N-315 Manufacturer:
 Number:N00013 Test Department:EVERFINE
 Temperature:25.3 deg Humidity:60.0%
 Test Operator:DAMIN Test Date:DAMIN
 Software:V2.00.100 Instrument:PMS-80_V1 (SN:1001013)