
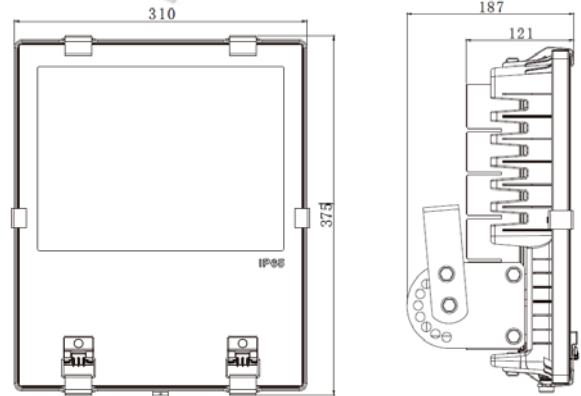
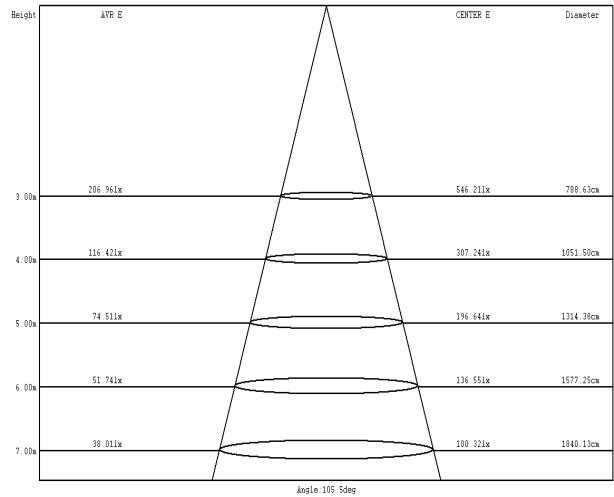


MANUAL OF LED FLOOD LIGHT

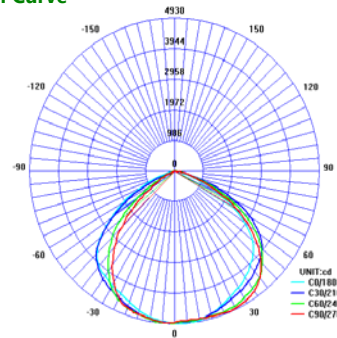
Model No.	TA-FL150		
Order No.	TA-FL150-WW	TA-FL150-PW	TA-FL150-CW
Dimension	375x100x187mm		
System Power Consumption	150-173W		
Input Voltage	90-305VAC 50HZ-60HZ		
Light Source	150 pcs High Power LED SMD3535		
Total Harmonic Distortion	≤9%		
LED Driver	External Driver, UL approved		
Power Factor	>0.9		
Power Efficiency	>0.9		
Led Luminous Efficiency	75-80lm/W		
Beam Angle	100°		
Average Luminous Flux	12,000-13,500lm		
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	7.2kg/pc		
Package Size & Weight	485x430x600mm 16kg/carton 2pcs each carton		
Certificate			



Illuminance Diagram



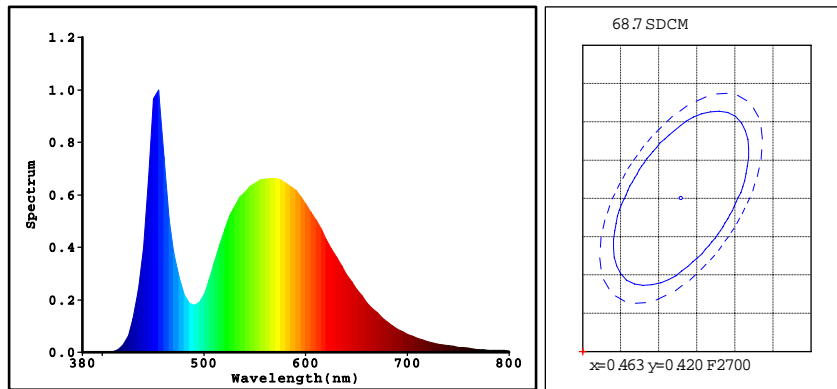
Light Distribution Curve



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.

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3418$ $y=0.3589$ $u'=0.2064$ $v'=0.4877$
 $Tc=5146K$ Dominant WL: $Ld=566.0nm$ Purity: 10.3% Centroid WL: $554.0nm$
 Ratio: $R=15.1\%$ $G=81.3\%$ $B=3.6\%$ Peak WL: $Lp=455.0nm$ HWL: $23.4nm$
 Render Index: $Ra=73.2$
 $R1=69$ $R2=80$ $R3=86$ $R4=71$ $R5=70$ $R6=71$ $R7=83$
 $R8=56$ $R9=0$ $R10=50$ $R11=65$ $R12=41$ $R13=72$ $R14=92$ $R15=64$

Photo Parameters:

Flux: 12825 lm $Fe=38.167$ W Efficacy: 79.00 lm/W

Electrical Parameters:

Luminaire: $U=221.8V$ $I=0.7544A$ $P=162.4W$ $PF=0.9701$

Instrument Status:

Scan Range: $380.0nm-800.0nm$ Interval: $5.0nm[0]$ $Ip=45491(G=4, D=51)$
 $REF=26994(R=3)$ $\%=-0.130\%$ $PMT: 18.7$ centigrade $[150.0]$

Product Type: FL 150W
 Number: N00013
 Temperature: 25.3 deg
 Test Operator: DAMIN
 Software: V2.00.100

Manufacturer:
 Test Department: EVERFINE
 Humidity: 60.0%
 Test Date: DAMIN
 Instrument: PMS-80_V1 (SN:1001013)