
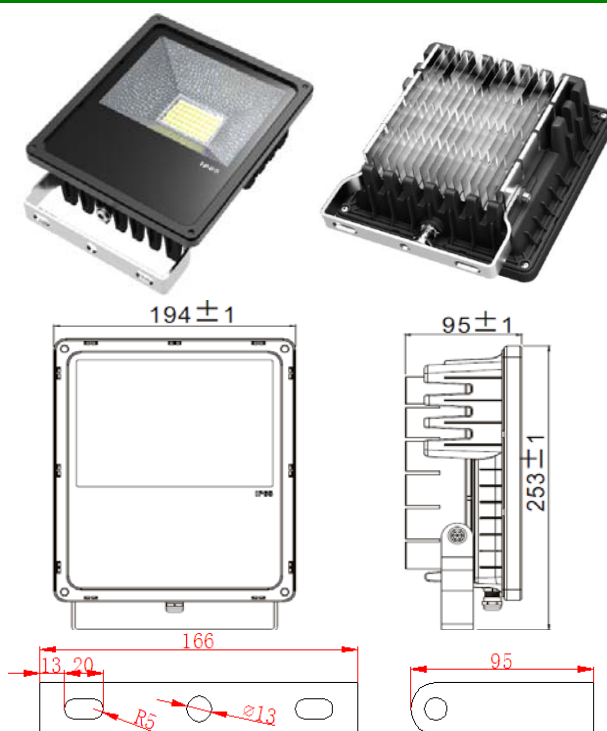
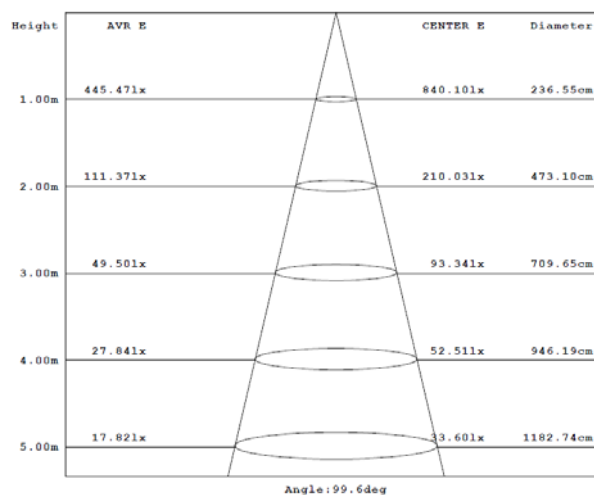


MANUAL OF LED FLOOD LIGHT

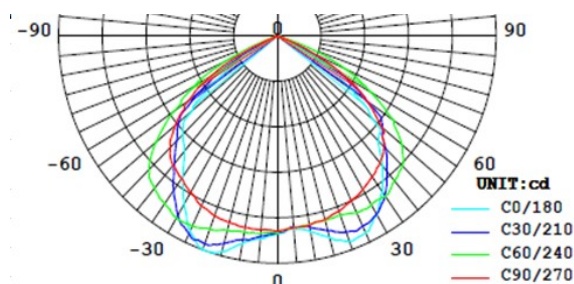
Model No.	TA-FL050		
Order No.	TA-FL050-WW	TA-FL050-PW	TA-FL050-CW
Dimension	253x194x95mm		
System Power Consumption	50-62.5W		
Input Voltage	90~264VAC 50HZ~60HZ		
Light Source	50 pcs High Power LED SMD3535		
Total Harmonic Distortion	≤9%		
Power Factor	>0.9		
Power Efficiency	>0.87		
Led Luminous Efficiency	75-80lm/W		
Beam Angle	100°		
Average Luminous Flux	3750-4690lm		
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	2kg/pc		
Package Size & Weight	635x540x455mm 25kg/carton 12pcs each carton		
Certificate			



Illuminance Diagram



Light Distribution Curve

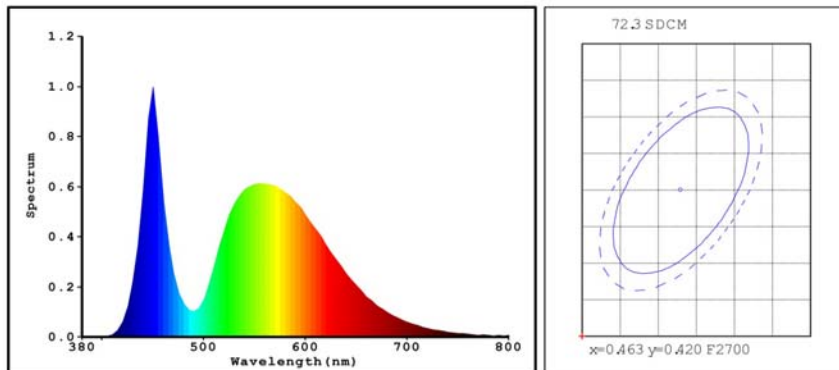


Main Features

- *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: $x=0.3346$ $y=0.3495$ $u'=0.2051$ $v'=0.4821$
Tc=6125K Dominant WL:Ld=557.7nm Purity=5.2% Centroid WL:551.0nm
Ratio:R=14.4% G=82.6% B=3.1% Peak WL:Lp=450.0nm HWL:23.3nm
Render Index:Ra=69.6
R1 =67 R2 =74 R3 =77 R4 =70 R5 =67 R6 =64 R7 =81
R8 =57 R9 =0 R10=37 R11=64 R12=36 R13=68 R14=87 R15=63

Photo Parameters:

Flux: 4284.2 lm Fe: 12.808 W Efficacy:79.80 lm/W

Electrical Parameters:

Luminaire: U=219.0V I=0.2605A P=53.69W PF=0.9411

Instrument Status:
Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=13307(G=4,D=55)
REF=12486(R=3) %=-0.534% PMT: 31.6 centigrade [32.4]

Product Type:FK-FL50-100N-253
Number:N0005
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)