
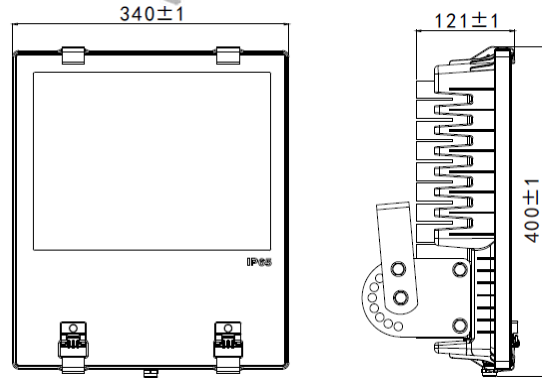
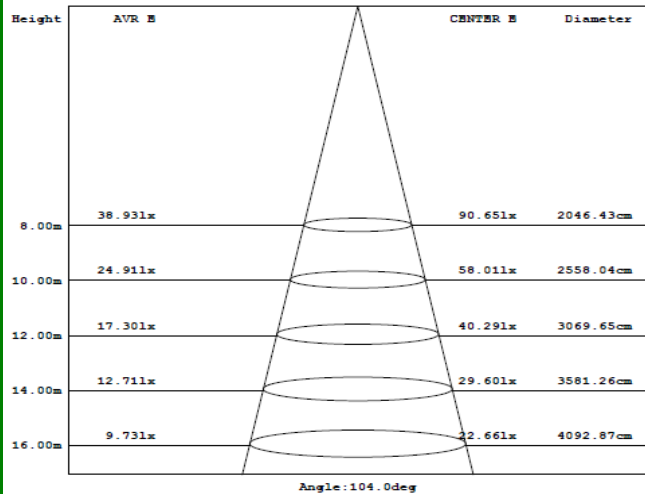


**MANUAL OF LED FLOOD LIGHT**

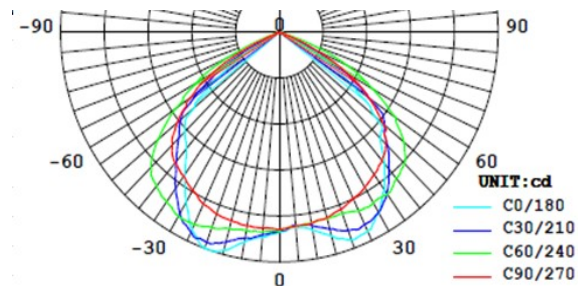
Model No.	<b>TA-FL200</b>		
Order No.	TA-FL200-WW	TA-FL200-PW	TA-FL200-CW
Dimension	400x340x187mm		
System Power Consumption	200-230W		
Input Voltage	90~305VAC 50HZ~60HZ		
Light Source	200 pcs High Power LED SMD3535		
Total Harmonic Distortion	≤9%		
LED Driver	External Driver, UL approved		
Power Factor	>0.95		
Power Efficiency	>0.88		
Led Luminous Efficiency	75-80lm/W		
Beam Angle	100°		
Average Luminous Flux	15,000-16,500lm		
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	8.7kg/pc		
Package Size & Weight	490x440x575mm 18kg/carton 2pcs each carton		
Certificate			



**Illuminance Diagram**



**Light Distribution Curve**

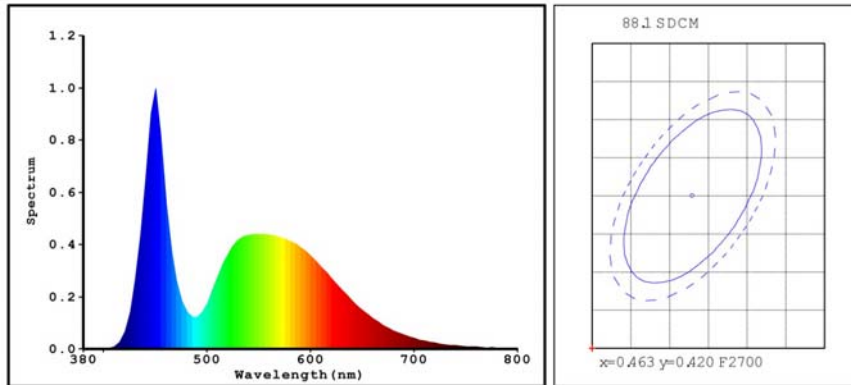


**Main Features**

- \*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:  $x=0.3052$   $y=0.3094/u'=0.2001$   $v'=0.4563$   
 $Tc=6176K$  Dominant WL:Ld=479.6nm Purity=11.7% Centroid WL:538.0nm  
 Ratio:R=13.9% G=81.8% B=4.3% Peak WL:Lp=450.0nm HWL:25.0nm  
 Render Index:Ra=76.9  
 R1 =78 R2 =79 R3 =77 R4 =80 R5 =78 R6 =71 R7 =84  
 R8 =70 R9 =0 R10=47 R11=78 R12=47 R13=77 R14=87 R15=76

**Photo Parameters:**

Flux: 16317 lm Fe: 52.395 W Efficacy:77.91 lm/W

**Electrical Parameters:**

Luminaire: U=223.3V I=0.9638A P=209.3W PF=0.9721

**Instrument Status:**

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=16197(G=3,D=53)  
 REF=3955(R=2) %=-0.130% PMT: 29.3 centigrade [150.0]

Product Type:FK-FL200-100N-400  
 Number:N00020  
 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)