
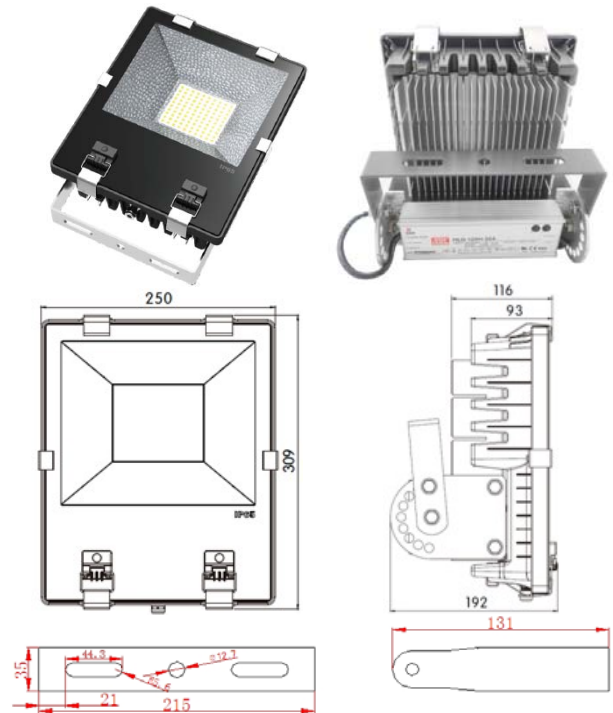
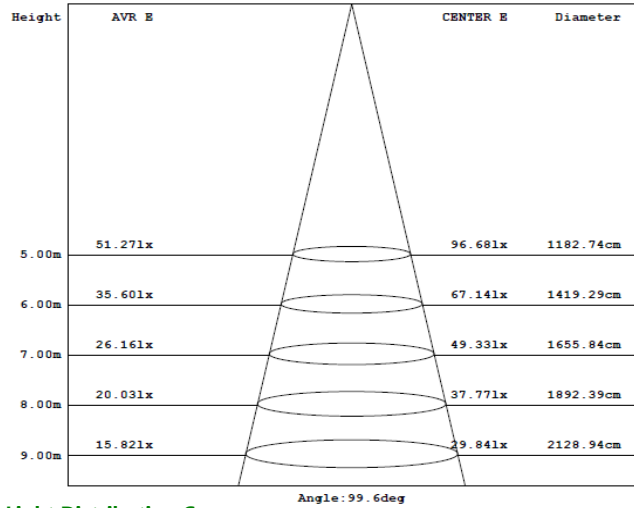


**MANUAL OF LED FLOOD LIGHT**

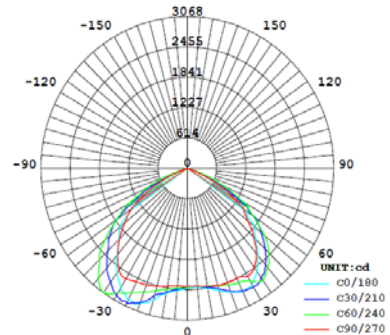
Model No.	<b>TA-FL100</b>		
Order No.	TA-FL100-WW	TA-FL100-PW	TA-FL100-CW
Dimension	309x250x192mm		
System Power Consumption	100-123.5W		
Input Voltage	90-305VAC 50HZ-60HZ		
Light Source	100 pcs High Power LED SMD3535		
Total Harmonic Distortion	≤9%		
LED Driver	External Driver, UL approved		
Power Factor	>0.95		
Power Efficiency	>0.88		
Led Luminous Efficiency	75-80lm/W		
Beam Angle	100°		
Average Luminous Flux	8000-8800lm		
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	3.9kg/pc		
Package Size & Weight	730x420x545mm 16.6kg/carton 4pcs each carton		
Certificate			



**Illuminance Diagram**



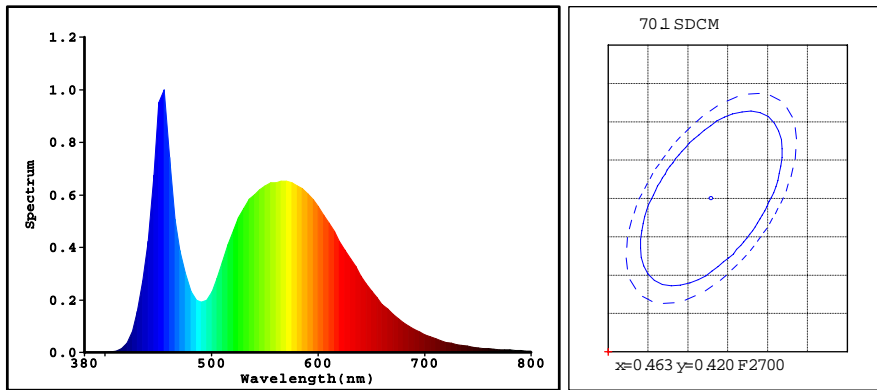
**Light Distribution Curve**



**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:  $x=0.3389$   $y=0.3550$  /  $u'=0.2059$   $v'=0.4854$   
Tc=5250K Dominant WL:Ld=563.9nm Purity=8.2% Centroid WL:553.0nm  
Ratio:R=15.1% G=81.2% B=3.8% Peak WL:Lp=455.0nm HWL:23.7nm  
Render Index:Ra=74.0  
R1 =70 R2 =80 R3 =86 R4 =72 R5 =71 R6 =72 R7 =84  
R8 =57 R9 =0 R10=52 R11=67 R12=44 R13=73 R14=92 R15=66

**Photo Parameters:**

Flux: 8773.6 lm Fe: 26.370 W Efficacy:78.86 lm/W

**Electrical Parameters:**

Luminaire: U=221.7V I=0.5140A P=111.3W PF=0.9762

**Instrument Status:**

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=31484(G=4,D=50)  
REF=18492(R=3) %=-0.131% PMT: 18.6 centigrade [150.0]

Product Type:FL 100W  
Number:N00012  
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)