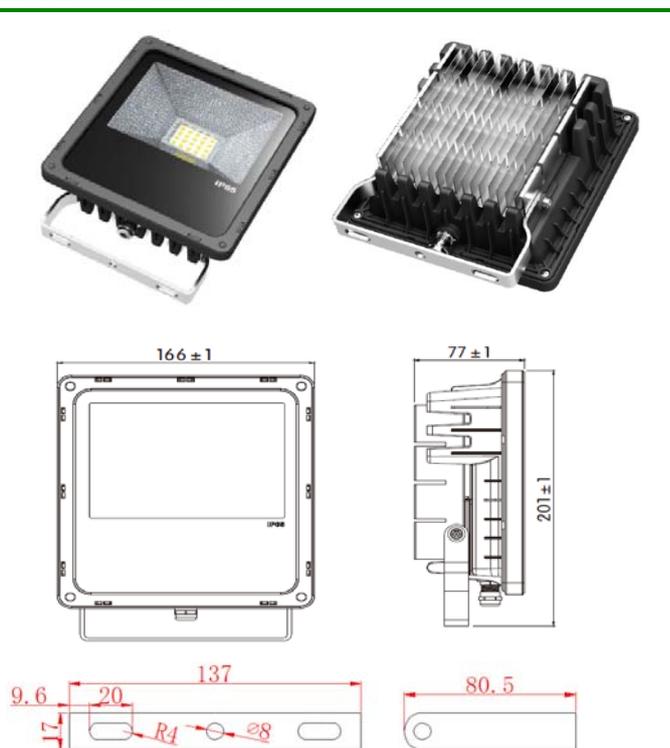
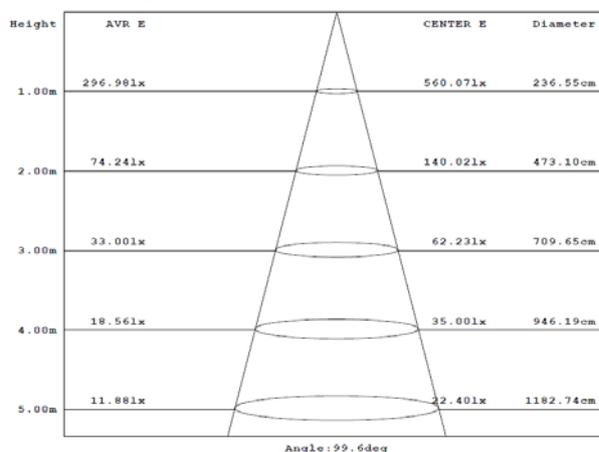


**MANUAL OF LED FLOOD LIGHT**

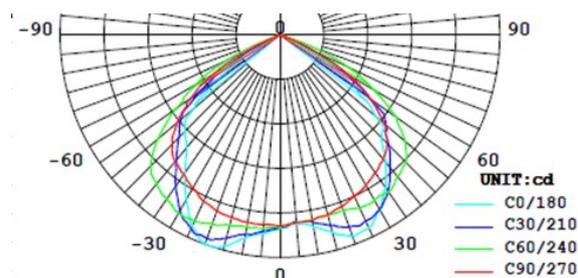
Model No.	<b>TA-FL020</b>		
Order No.	TA-FL020-WW	TA-FL020-PW	TA-FL020-CW
Dimension	201x166x77MM		
System Power Consumption	20-25W		
Input Voltage	90~264VAC 50HZ~60HZ		
Light Source	20 pcs High Power LED SMD3535		
Total Harmonic Distortion	≤9%		
Power Factor	>0.95		
Power Efficiency	>0.82		
Led Luminous Efficiency	75-80lm/W		
Beam Angle	100°		
Average Luminous Flux	1500-1600lm		
CCT	2700K-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	1kg/pc		
Package Size & Weight	530x465x510mm 17kg/carton 16pcs each carton		
Certificate			



**Illuminance Diagram**



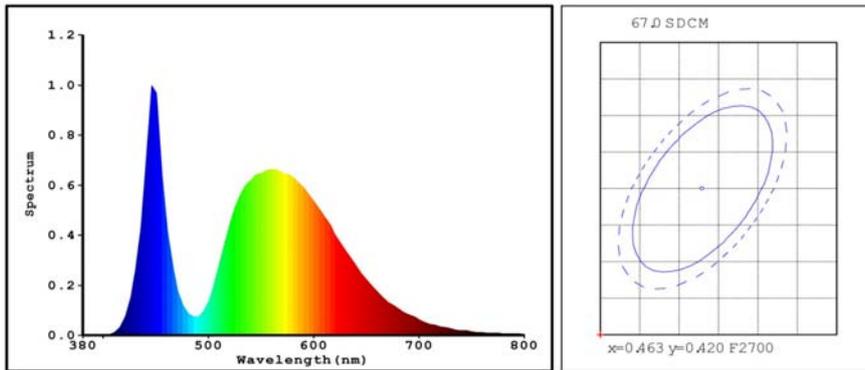
**Light Distribution Curve**



**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:  $x=0.3447$   $y=0.3595$   $u'=0.2081$   $v'=0.4884$   
Tc=6040K Dominant WL:Ld=568.5nm Purity=11.3% Centroid WL:555.0nm  
Ratio:R=14.7% G=82.9% B=2.4% Peak WL:Lp=445.0nm HWL:22.0nm  
Render Index:Ra=66.6  
R1 =64 R2 =71 R3 =75 R4 =67 R5 =64 R6 =60 R7 =78  
R8 =53 R9 =0 R10=31 R11=62 R12=32 R13=64 R14=86 R15=59

**Photo Parameters:**

Flux: 1857.9 lm Fe: 5.6404 W Efficacy:79.02 lm/W

**Electrical Parameters:**

Luminaire: U=217.9V I=0.1125A P=23.51W PF=0.9594

Instrument Status:  
Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=21355 (G=5,D=55)  
REF=5165 (R=3) %=-0.355% PMT: 29.7 centigrade [30.9]

Product Type:FK-FL20-100N-201  
Number:N0002  
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)