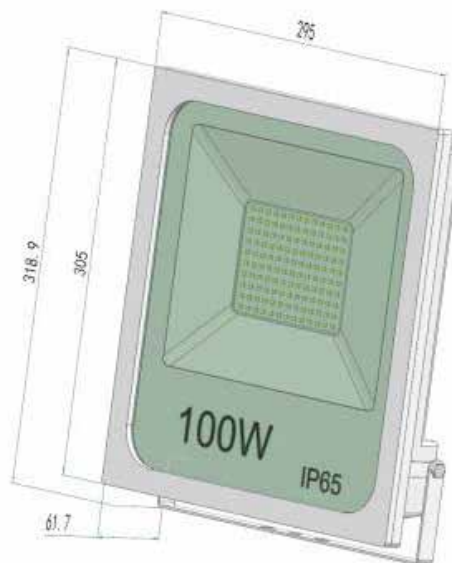# Bematech LED Lighting

100W AC Flood Light

Product Feature

- AC Integrated Driver, High Reliability
- With OVP, OTP and OCP Protection,
- 4KV Surge Protection On PCB,
- LED SMD2835, CRI>80,
- Can pass CE, RoHS, FCC,SAA,RCM Certification
- IP65
- CCT:3000K,4000K,6000K Options，
- Long life:30,000 hrs, 2 years warranty,
- 90° Rectangular light pattern。
- High efficiency, High Lumen LUX
- No UV or Infrared Radiation

Rectangular Slim Type

Product Specification

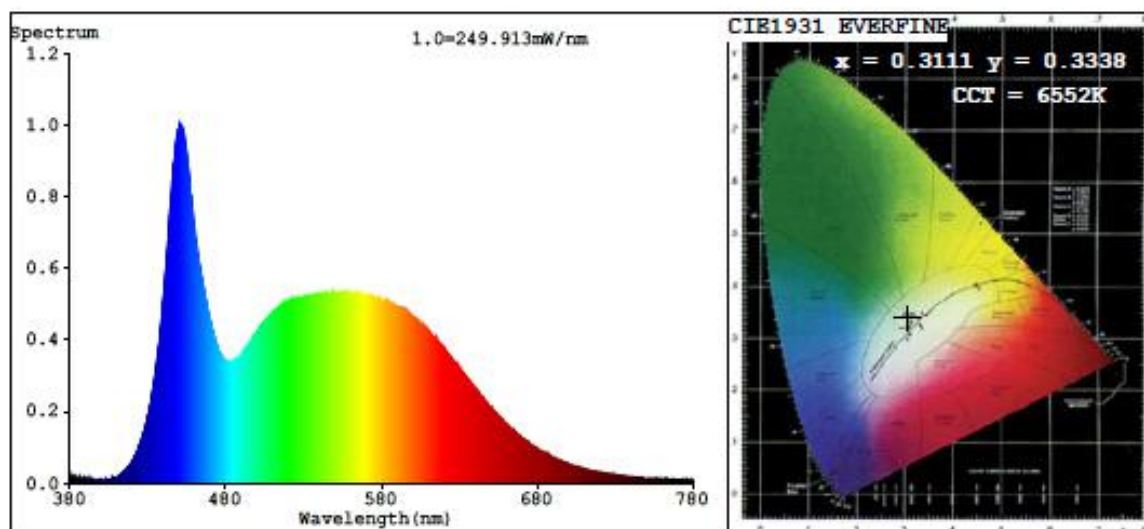| Model	EM804-FL100W-2835-140-V1.1		
Watt（W）	100W±5%		
LED Chips	SMD2835 140 pcs		
Input Voltage	AC 200~260V		
CCT	WW 3000K	NW 4000K	CW 6000K
Lumen	870000lm±5%		
CRI	>80		
Beam Angle	90°(With Reflector)		
IP Rating	IP65		
Oper. Temp	-20~45℃		
Dimension	320*295*60mm		
Weight	2.3kgs		
Warranty	2 years		
Packing	550*345*325mm/8pcs		

Product Dimension

Product Application

Building Facade, Wall Washing, Security Lighting, Garden Lighting and other area lighting applications.

90W AC220 6000K Spectrum Test

Spectrum Test Report

Color Parameters:

Chromaticity Coordinate:x=0.3111 y=0.3338/u'=0.1950 v'=0.4706

CCT=6552K(Duv=0.0064) Dominant WL:Ld =492.0nm Purity=7.5%

Ratio:R=13.3% G=80.6% B=6.1% Peak WL:Lp=450.5nm FWHM=28.3nm

Render Index:Ra=84.6

R1 =82	R2 =89	R3 =94	R4 =83	R5 =83	R6 =85	R7 =89
R8 =71	R9 =10	R10=75	R11=83	R12=63	R13=84	R14=97	R15=77

Photo Parameters:

Flux = 8686 lm   Eff. : 97.60 lm/W Fe = 28.22 W

Electrical parameters:

V = 220.61 V   I = 0.4069 A   P = 88.99 W PF = 0.9914

WHITE:ANSI_6500K

Status: Integral T = 10 ms Ip = 7021 (11%)

Model:
Tester:
Temperature:25.3Deg
Manufacturer:SANTREE

Number:4
Date:2016-07-21
Humidity:65.0%
Remarks:1