

## 100W LED Floodlight

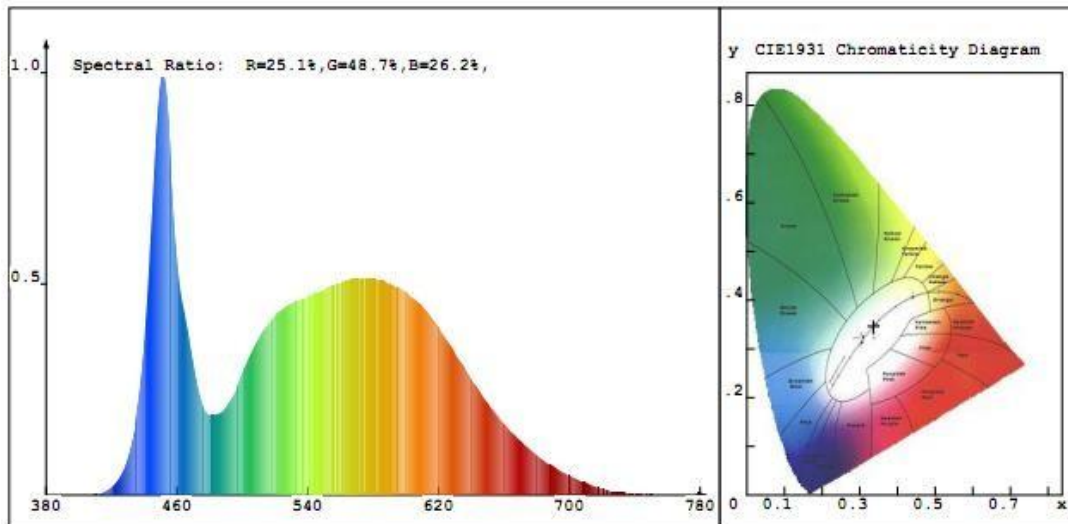
### Product Specification



#### Technical Data

Model No.	2012-100W
Max. Power	100W
Luminous Flux	11500LM
Luminous Efficiency	115LM/W
Beam Angle	120°
Cover	Tempered Glass
CCT	3000-6000K
LED Chip	SMD3030 126PCS
Driver	Mean Well
Input Voltage	100-240VAC
Driver Efficiency	>0.95
Power Factor	>0.97
CRI	Ra≥80
Heat Sink Material	AL1070 and AL6063
Insulation Grade	Class I
Working Tem.	-30~+55°C
IP Code	IP65
Light Body Colour	Black
N.W.	3.5KG
Life Span	>50,000 Hours
Warranty	5Years

# Integrating Sphere Test Report



## Chroma Parameters

Chro.Coord.:  $x=0.3364$   $y=0.3466$   $u=0.2074$   $v=0.3206$   $duv=0.0011$   
 CCT: 5338K Dominant Wave.: 563.1nm Purity: 4.9%  
 Flux RGB Ratio:  $R=15.0\%$ ,  $G=81.7\%$ ,  $B=3.2\%$  Peak Wave: 451.6nm Half Width: 19.4nm

## Rending Index: Ra= 82.1

R1 =80 R2 =87 R3 =90 R4 =82 R5 =81 R6 =82 R7 =87 R8 =67  
 R9 =5 R10=68 R11=81 R12=57 R13=82 R14=94 R15=76

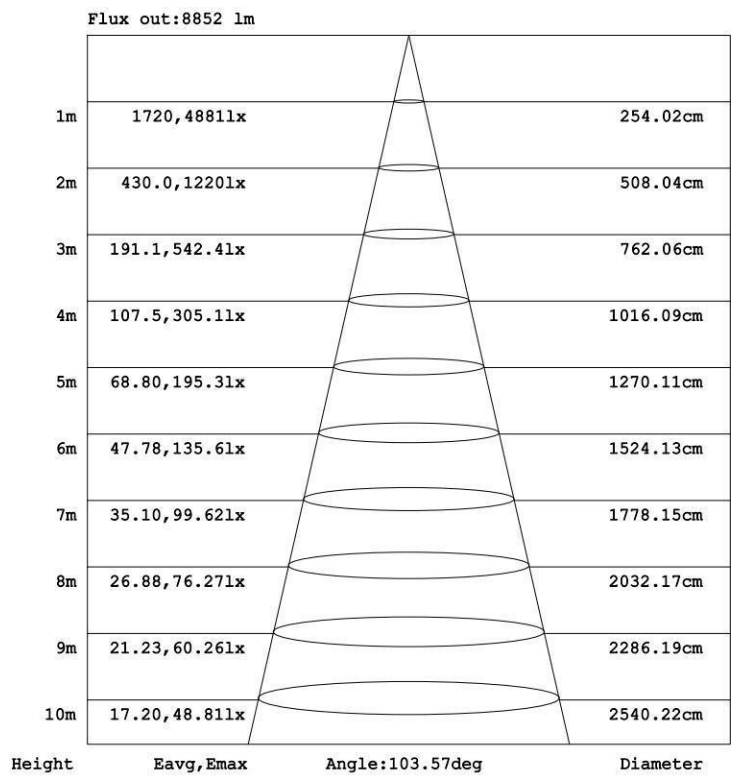
## Photo Parameters

Flux: 11780.08lm Effi.: 115.8lm/W Radiant: 42673.6mW Iv: 0.0mcd

## Ele. Parameters

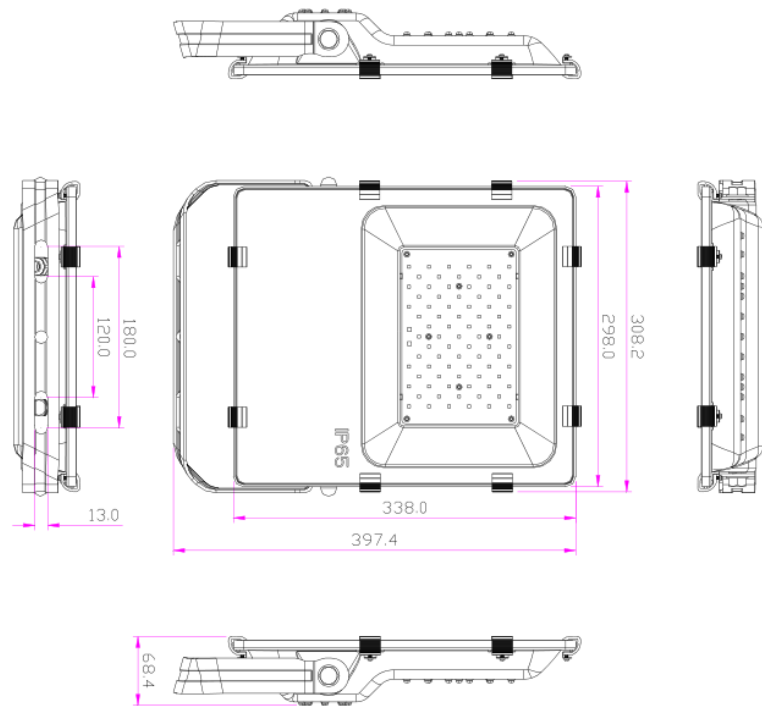
Voltage:  $U=240.400V$  Current:  $I=0.4400A$   
 Power:  $P=101.70W$  Power Factor:  $PF=0.961$

# Illuminance Diagram

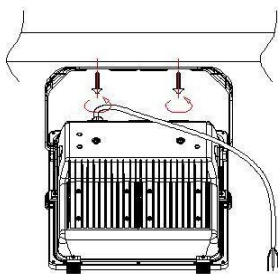


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

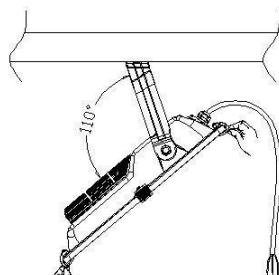
## Outer Size Diagram



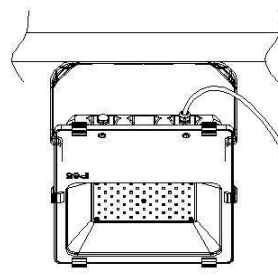
## Installation Method



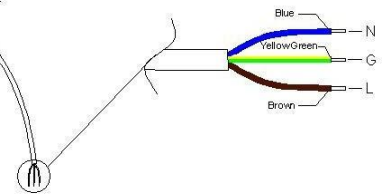
Fixed the lamp



Adjust the angle



Power supply connection



Connection IP65 waterproof connector

## Product Attribute

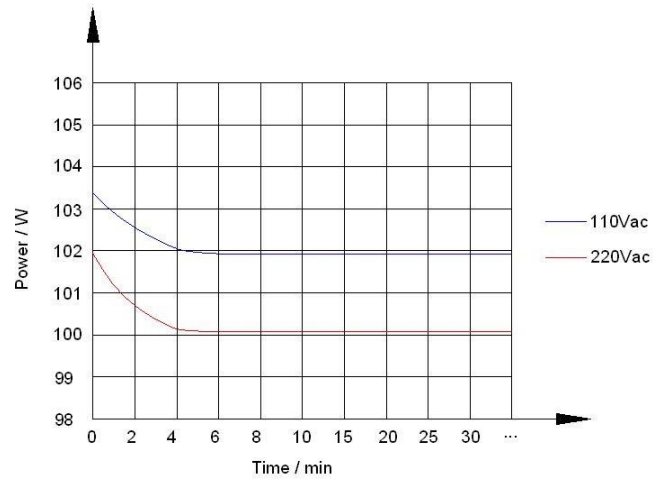
- Adopts SMD3030 source design, high thermal conductivity, low lumens depreciation and uniform lightcolor
- High PFC, Long lifespan >50,000 hours, low carbon and lead free
- Resistance to fluctuation
- Protection with short circuit, over current, over voltage and over temperature
- 100% full capacity aging testing
- Instant start-up
- Excellent appearance design, easy installation, easy disassembly, and wide application

## Application

For outdoor use, such as factory, gym, dock, billboard, building, tunnel, landscape, city lighting projects and other outdoor illumination place



## Power / Time



## Installation Caution

- Installation should be done by professional electricians.
- Please make sure all power is turned off before installation completed.
- Please ensure the power supply wire grounding is normal.
- Please ensure the hook tighten well.
- When connecting wires, don't make any frictions or drop off the product, otherwise will cause damage.
- Be sure to install the lights correctly, the power cord bare wire must be connected with insulation protection.
- When connecting wires, should clearly know Neutral wire , Earth wire and Live wire to assure safety. After examination, switch on.
- Don't cover anything on or touch the emitting section and the heat sink during lighting.

