

200W LED Floodlight

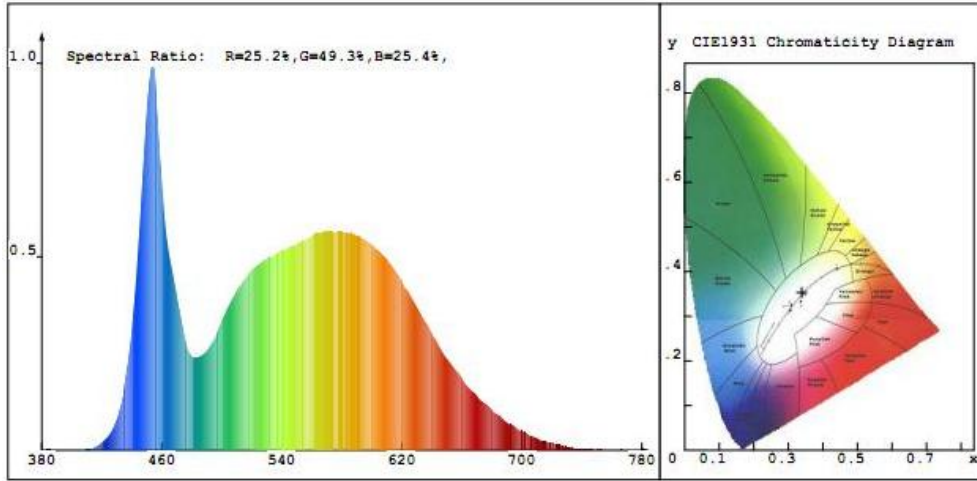
Product Specification



Technical Data

Model No.	2014-200W
Max. Power	200W
Luminous Flux	23000LM
Luminous Efficiency	115LM/W
Beam Angle	120°
Cover	Tempered Glass
CCT	3000-6000K
LED Chip	SMD3030 210PCS
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.	5.2KG
Life Span	>50,000 Hours
Warranty	5Years

Integrating Sphere Test Report



Chroma Parameters

Chro.Coord.: x=0.3387 y=0.3535 u=0.2064 v=0.3231 duv=0.0036
 CCT: 5255K Dominant Wave.: 564.2nm Purity: 7.7%
 Flux RGB Ratio: R=15.0%, G=81.6%, B=3.4% Peak Wave: 453.8nm Half Width: 21.3nm

Rending Index: Ra= 82.5

R1 =80 R2 =88 R3 =92 R4 =80 R5 =81 R6 =85 R7 =88 R8 =66
 R9 =2 R10=72 R11=79 R12=59 R13=82 R14=96 R15=75

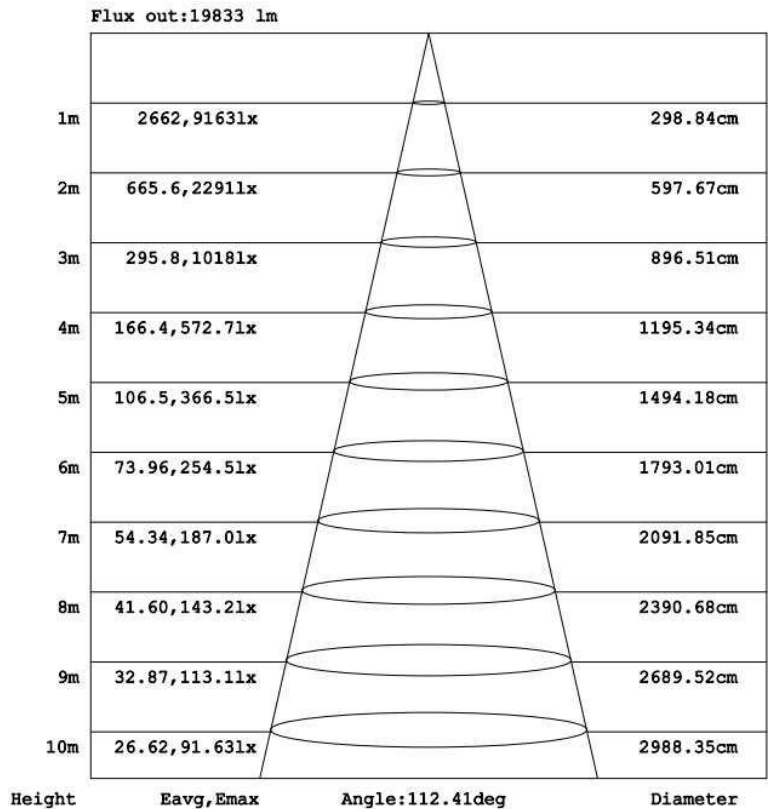
Photo Parameters

Flux: 23647.77lm Effi.: 114.9lm/W Radiant: 91810.5mW Iv: 0.0mcd

Ele. Parameters

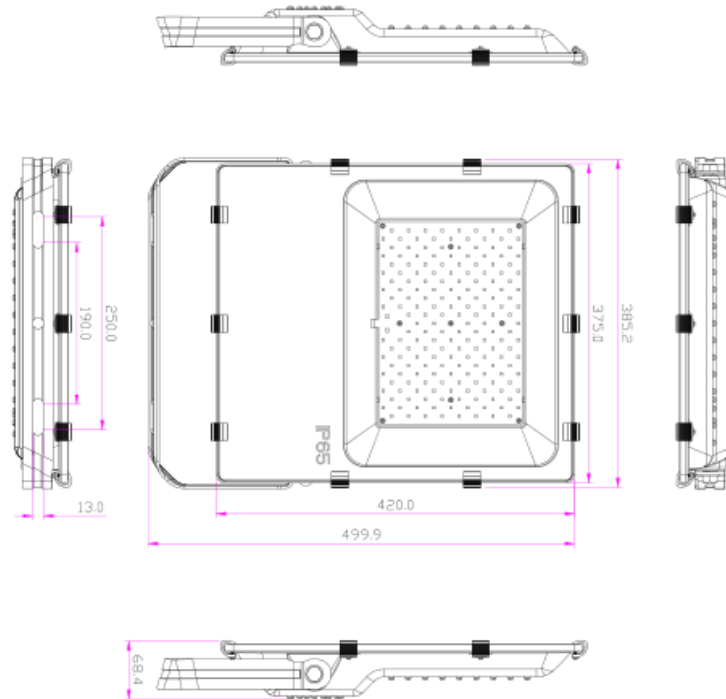
Voltage: U=240.200V Current: I=0.8910A
 Power: P=205.80W Power Factor: PF=0.961

Illuminance Diagram

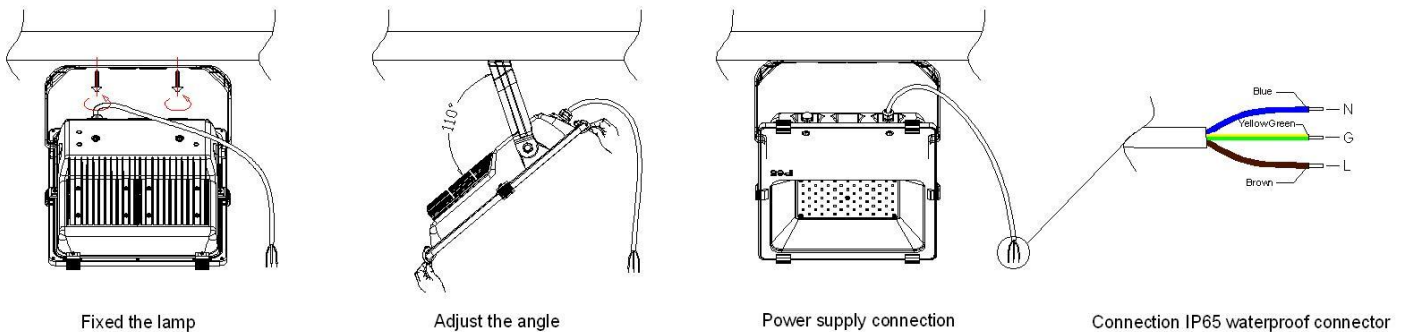


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Outer Size Diagram



Installation Method



Product Attribute

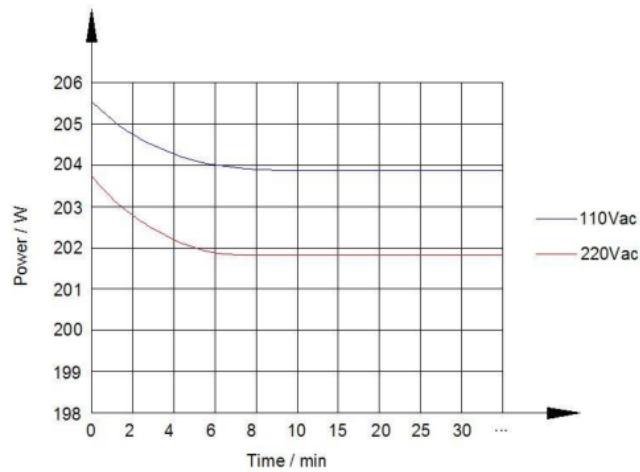
- Adopts SMD3030 source design, high thermal conductivity, low lumens depreciation and uniform light color
- High PFC, Long lifespan >50,000 hours, low carbon and lead free
- Resistance to fluctuation
- Protection with short circuit, over current, over voltage and over temperature
- 100% full capacity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

Application

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



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.

