

FJ203-200W



LED FLOOD LIGHT

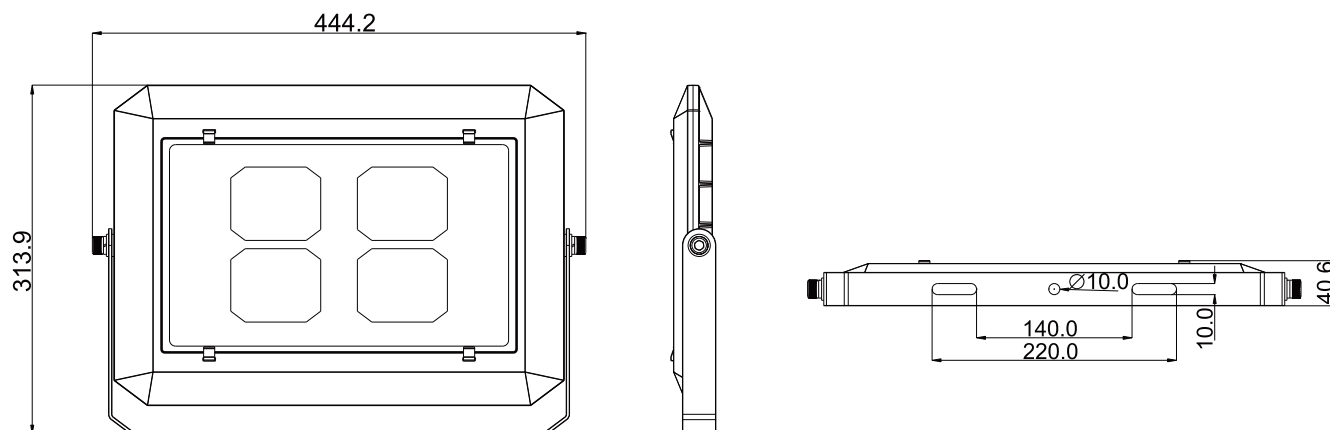
F6

- With advanced High voltage linear constant current drive technology, without electrolytic capacitor, drastically reducing the components, improving the reliability and life time, the optimal cost-effective method.
- With input under-voltage protection, input over-voltage protection, over-temperature protection, and other functions, to keep the product reliable.
- Comply with 4 kv surge resistance level, with resistance to high and low temperature shock, applicable to outdoor harsh environment.
- With waterproof degassing valve, to balance the air pressure difference inside and outside of luminaries, and to prevent siphoning, with IP66 protection level.
- High power factor, high efficiency, high CRI, low degradation.
- Beautiful, simple, unique shape, and with a number of patent protection.
- Product is thin and light, easy to packing, shipping, install and use.

Specification:

Item No	specification	input voltage	input power	power Factor	CCT	luminous flux	CRI	beam angle
FJ203	200W	AC220V/50Hz	200W	≥0.9	WW (3000K)	22000LM	Ra70	110°
FJ203	200W	AC220V/50Hz	200W	≥0.9	NW (4000K)	23000LM	Ra70	110°
FJ203	200W	AC220V/50Hz	200W	≥0.9	PW (6000K)	24000LM	Ra70	110°

Product size



Product Advantage

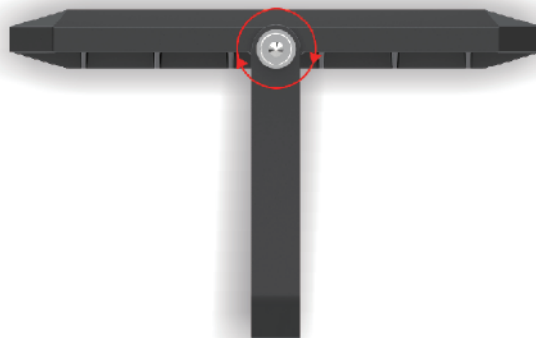
High Trightness 2835 LED chip

Use high quality 2835 LED chip as light source, high light efficiency, >50000 hours.



Bracket can be adjustable-with degree of 360°

Easy to install, suitable for the harsh environments.



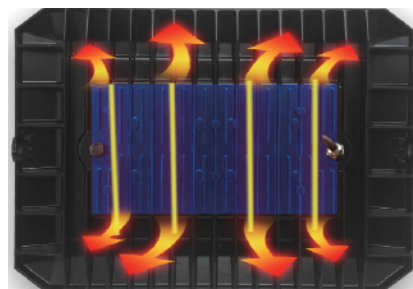
Slim and lighter

Gorgeous looking, lighter and slimmer make the shipping cost decrease greatly.



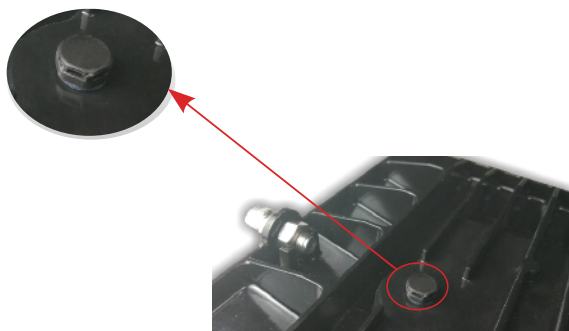
Excellent heat Dissipation

High Tech mental structure(ADC12), Super performance for heat transmission and dissipation. Airline standard aluminum, US and Europe level to ensure high standard of heat dissipation, stability, long lifespan..

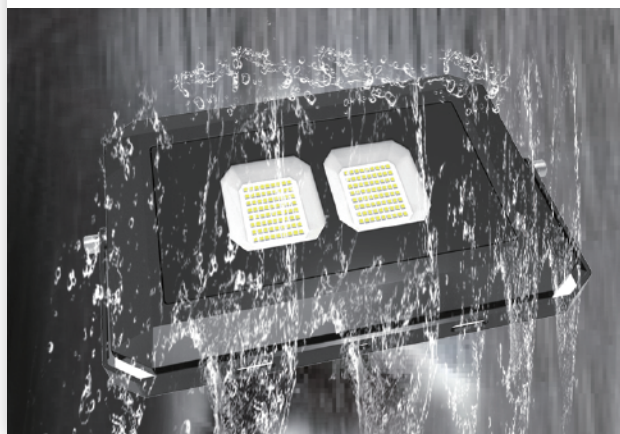


Breather

Balance the pressure between inside and outside of the lights, avoid fog and suitable for terrible outdoor environment.

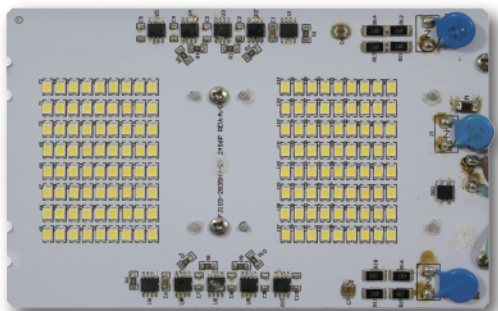


Waterproof IP66



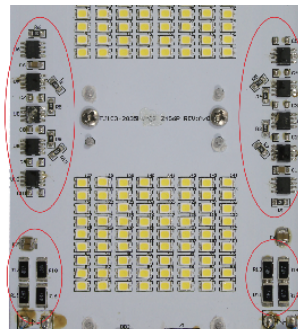
Long Lifespan

Adopting high voltage and constant current driver technology, off Electrolytic capacitors design solved lifetime problem, increase lifespan greatly.



Competitive Price

New driver technology, decreasing electronic component, adopting automatic SMD mounted technology to produce effectively and save labor, high performance with competitive price.



Stable Usage

High temperature automatic drop down system, even work at 100°C in a short time, the lights won't break.



Prefect Appearance

Delicate appearance, patent protection.

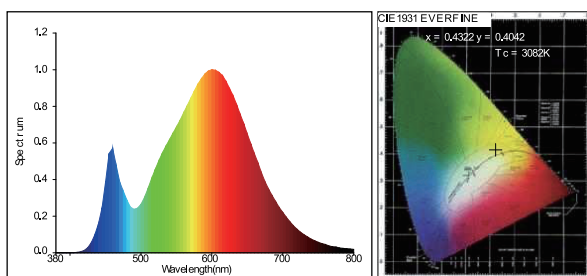


Package Dimension

Item No	Net Weight	box			carton		
		Measurement	Gross weight	pcs/box	Measurement	Gross weight	pcs/Carton
FJ203	3.8Kg	L450*W50*H322(mm)	4.0kg	1	L465*W320*H340(mm)	25.5kg	6

Light Characteristics

WW



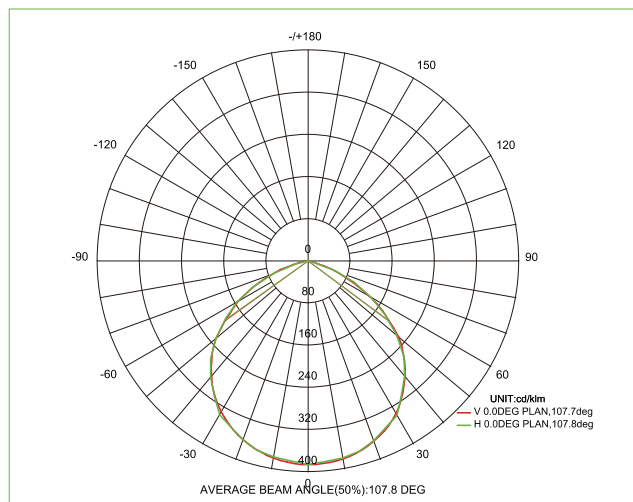
Color Parameters:

Chromaticity Coordinate: $x=0.4322$ $y=0.4042$ $u=0.2475$ $v=0.5207$
Tc=3082K Dominant WLLd=562.2nm Purity=51.1% Centroid WL=590.0nm
Ratio: R=23.8% G=73.6% B=2.6% Peak WLLp=600.0nm HWL=139.1nm

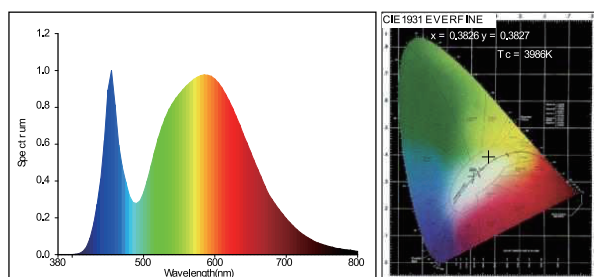
Render Index: Ra=81.7

R1=80 R2=90 R3=97 R4=77 R5=79 R6=86 R7=84
R8=61 R9=12 R10=76 R11=72 R12=63 R13=82 R14=98 R15=74

Radiation Diagram



NW



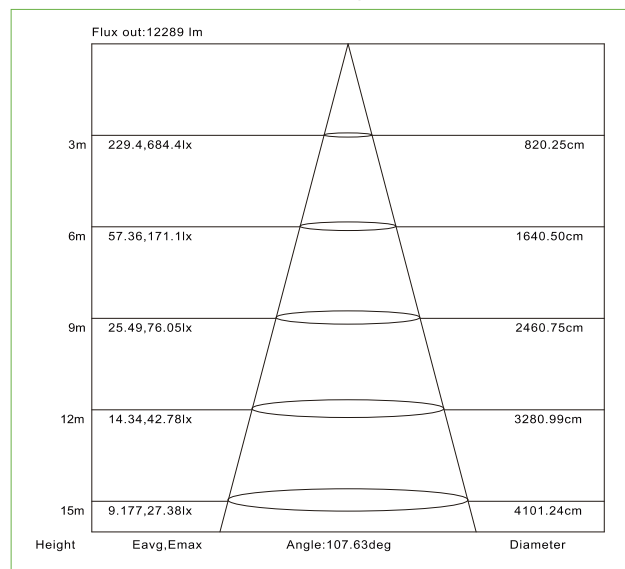
Color Parameters:

Chromaticity Coordinate: $x=0.3826$ $y=0.3827$ $u=-0.2242$ $v=0.5045$
Tc=3998K Dominant WLLd=578.0nm Purity=29.7% Centroid WL=573.0nm
Ratio: R=19.2% G=77.7% B=3.1% Peak WLLp=455.0nm HWL=26.9nm

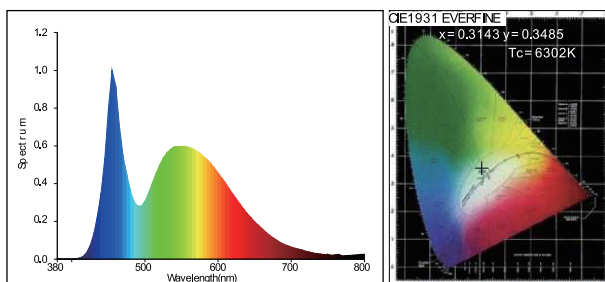
Render Index: Ra=79.8

R1=78 R2=86 R3=91 R4=77 R5=76 R6=79 R7=87
R8=65 R9=7 R10=64 R11=72 R12=51 R13=79 R14=95 R15=73

Lux Diagram



PW



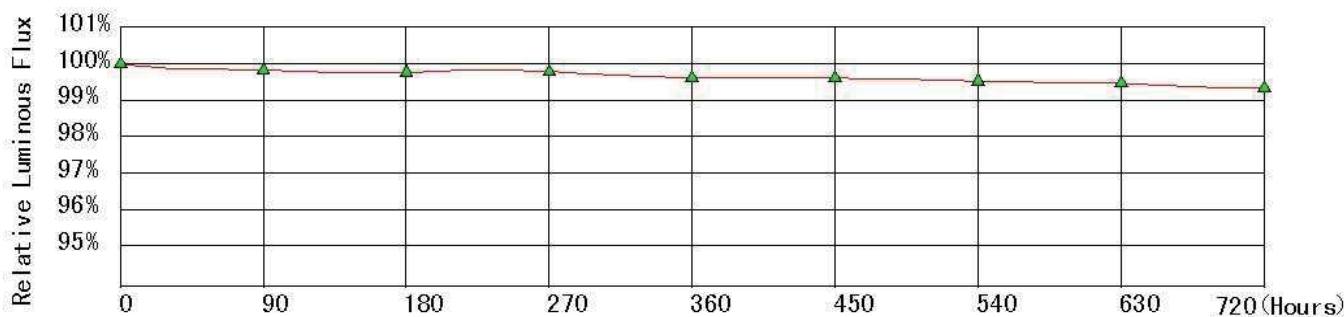
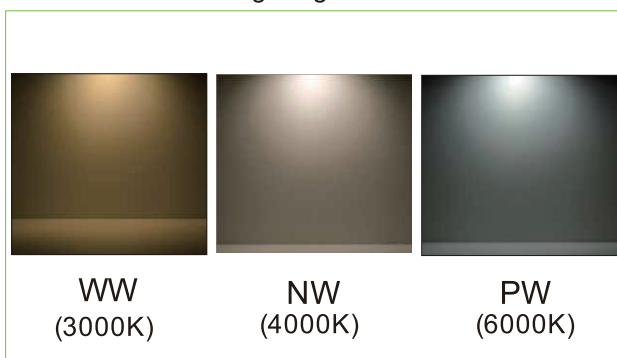
Color Parameters:

Chromaticity Coordinate: $x=0.3143$ $y=0.3485$ $u=0.1918$ $v=0.4786$
Tc=6302K Dominant WLLd=502.4nm Purity=5.8% Centroid WL=543.0nm
Ratio: R=13.2% G=81.7% B=5.2% Peak WLLp=455.0nm HWL=28.4nm

Render Index: Ra=80.6

R1=72 R2=85 R3=91 R4=72 R5=75 R6=80 R7=86
R8=65 R9=23 R10=64 R11=67 R12=57 R13=75 R14=95 R15=70

Lighting Effects



Through the 720 H accelerated aging test, high and low temperature prediction in the rated under the working conditions after 35000 H, will provide an average 70% optic maintenance ratio (L70).

Application

Hotel lighting



Bridge lighting



Billboard lighting



Garden lighting



Architectural lighting

