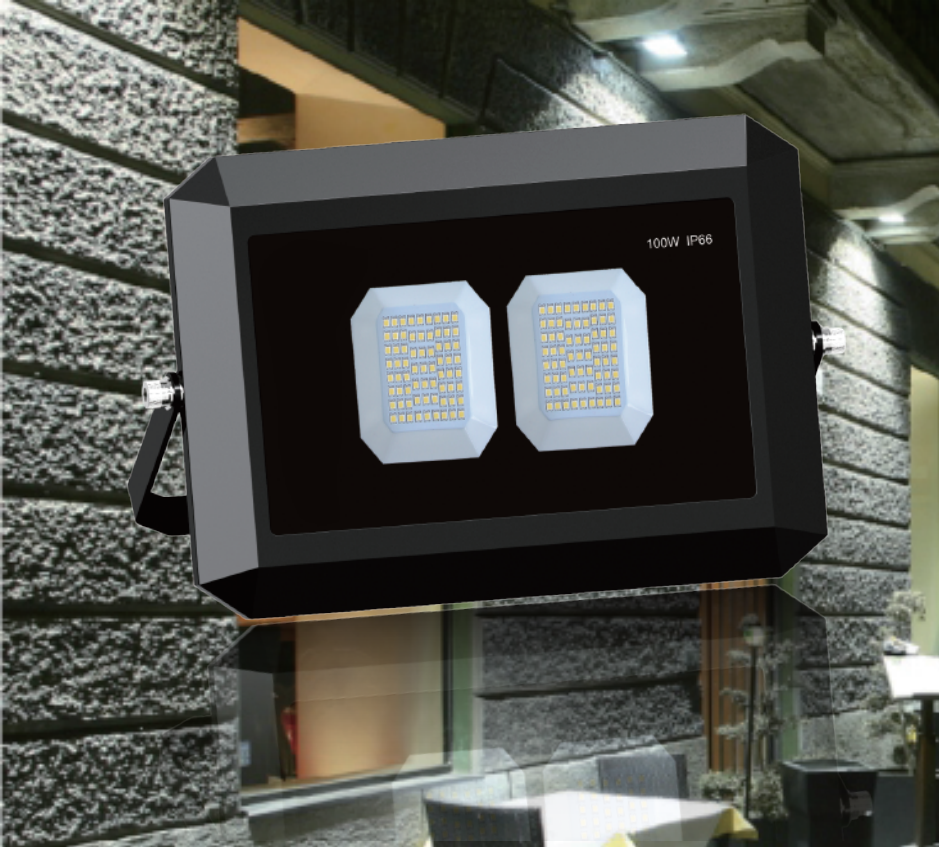


FJ103-100W



LED FLOOD LIGHT

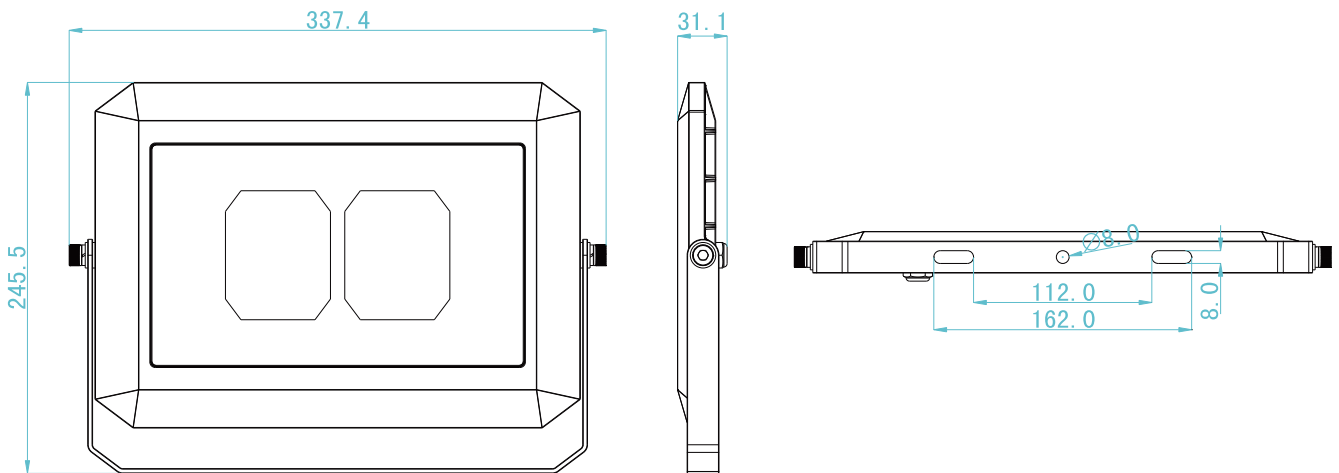
F6

- 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 luminaires, 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
FJ103	100W	AC220V/50Hz	100W	≥0.9	WW (3000K)	11000LM	Ra70	110°
FJ103	100W	AC220V/50Hz	100W	≥0.9	NW (4000K)	11500LM	Ra70	110°
FJ103	100W	AC220V/50Hz	100W	≥0.9	PW (6000K)	12000LM	Ra70	110°

Product size



Product Advantage

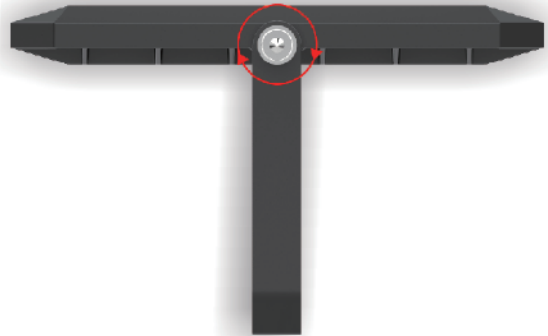
High Trightness 2835 LED chip

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



Bracket can be adjustable-with degree of 360°

Easy to install,suitable for the harsh environments.



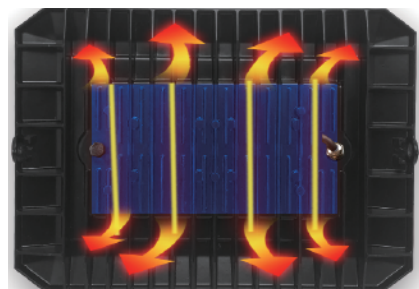
Slim and lighter

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



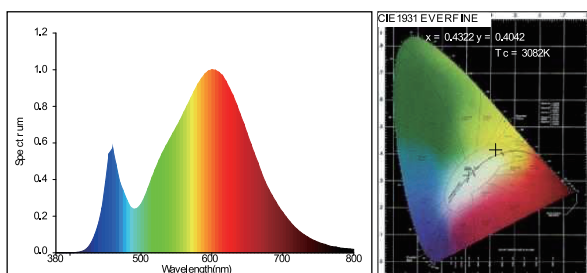
Excellent heat Dissipation

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..



Light Characteristics

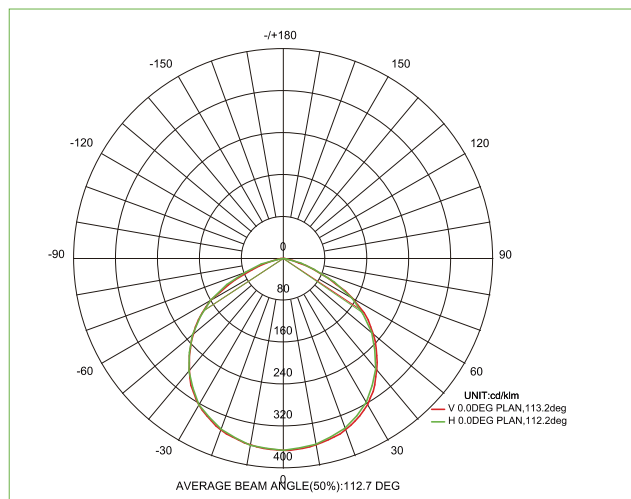
WW



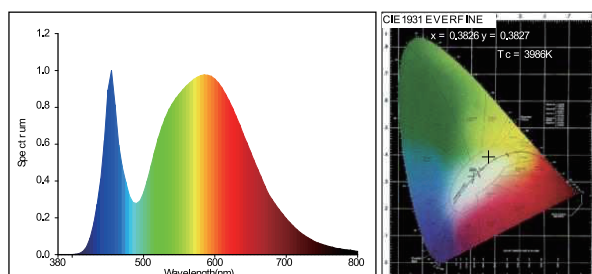
Color Parameters:

Chromaticity Coordinate: $x=0.4322$ $y=0.4042$ $u=0.2475$ $v=0.5207$
 $T_c=3082K$ Dominant WLLd=562.2nm Purity=51.1% Centroid WL590.0nm
 Ratio: R=23.8% G=73.6% B=2.6% Peak WLLp=600.0nm HWL139.1nm
 Render Index: Ra=91.7
 R1=8.0 R2=9.0 R3=9.7 R4=7.7 R5=7.9 R6=8.6 R7=8.4
 R8=6.1 R9=1.2 R10=7.6 R11=7.2 R12=6.3 R13=8.2 R14=9.8 R15=7.4

Radiation Diagram



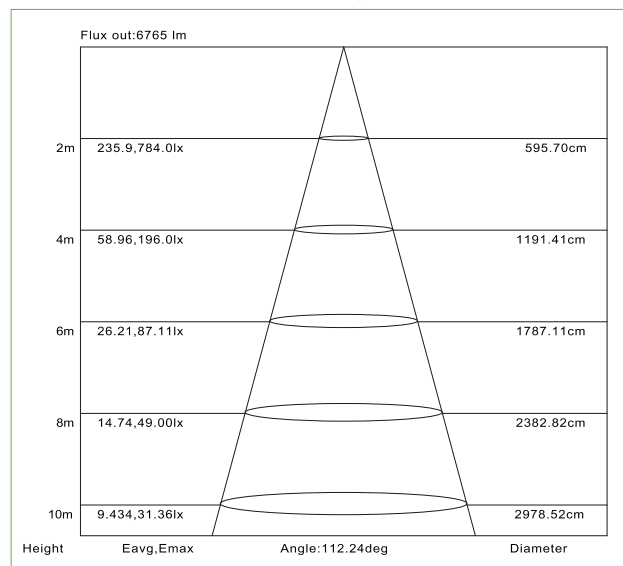
NW



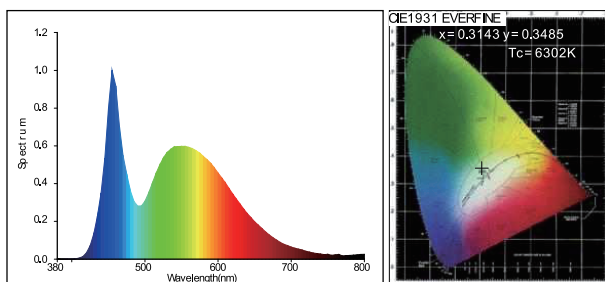
Color Parameters:

Chromaticity Coordinate: $x=0.3826$ $y=0.3827$ $u=-0.2242$ $v=0.5045$
 $T_c=3996K$ Dominant WLLd=578.0nm Purity=29.7% Centroid WL573.0nm
 Ratio: R=19.2% G=77.7% B=3.1% Peak WLLp=455.0nm HWL26.9nm
 Render Index: Ra=79.8
 R1=7.8 R2=8.6 R3=9.1 R4=7.7 R5=7.6 R6=7.9 R7=8.7
 R8=6.5 R9=7 R10=6.4 R11=7.2 R12=5.1 R13=7.9 R14=9.5 R15=7.3

Lux Diagram



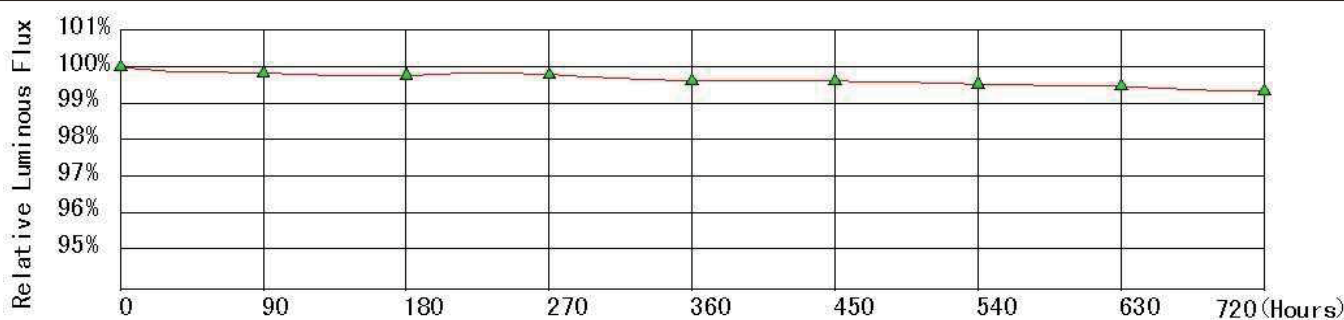
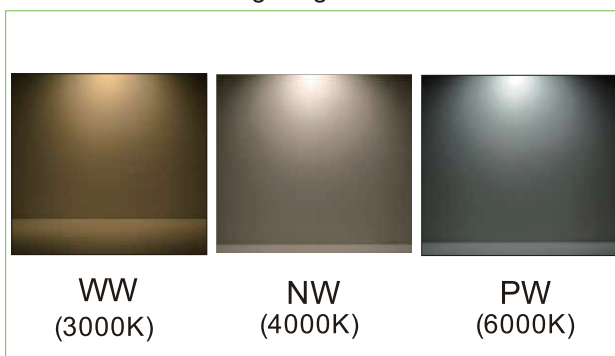
PW



Color Parameters:

Chromaticity Coordinate: $x=0.3143$ $y=0.3485$ $u=0.1918$ $v=0.4786$
 $T_c=6302K$ Dominant WLLd=502.4nm Purity=5.8% Centroid WL543.0nm
 Ratio: R=13.2% G=81.7% B=5.2% Peak WLLp=455.0nm HWL28.4nm
 Render Index: Ra=80.6
 R1=7.2 R2=8.5 R3=9.1 R4=7.2 R5=7.5 R6=8.0 R7=8.6
 R8=6.5 R9=2.3 R10=6.4 R11=6.7 R12=5.7 R13=7.5 R14=9.5 R15=7.0

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

