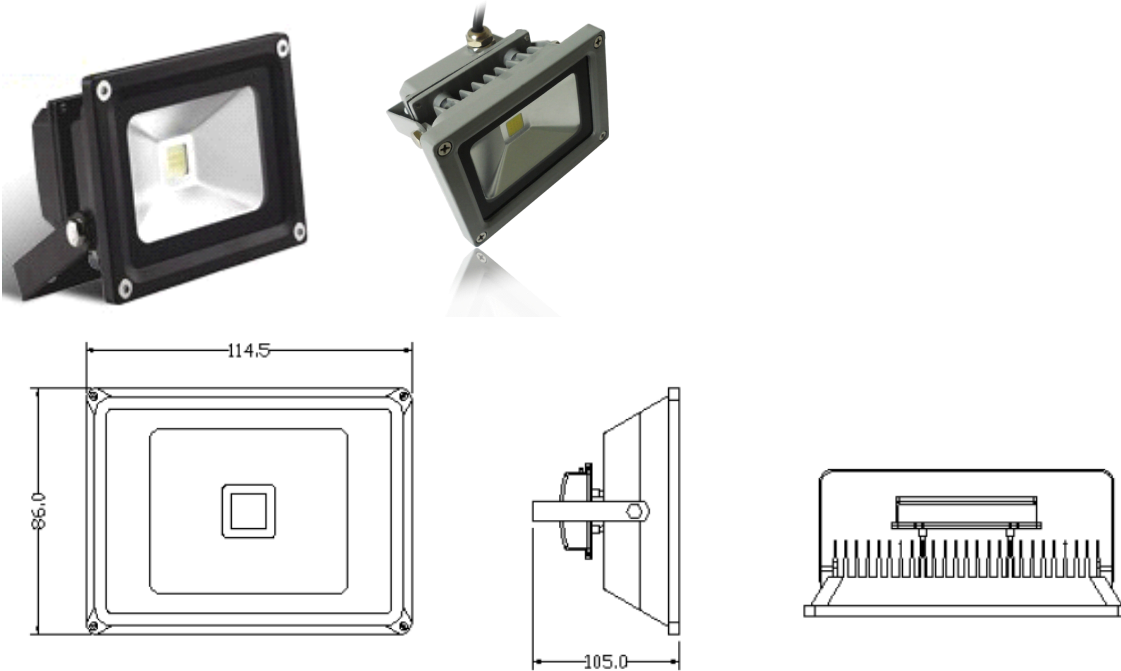


1. Product dimension:



2. Key Features

- 1. RTA Aluminum alloy diecasting, high shock-resistant, multiple anti-shock design and coating on surface, long term operation in high-frequency vibration and high temperature situation such as roadbed and track.**
- 2. Multiple fix types such as wall mounting and ceiling mounting, beam angle can be adjust up and down by 120°.**
- 3. Reflector are highlight anodic oxidation high imported purity aluminium, high lighting effect.**
- 4. Lamp-house: Using good tempered glass, heat-resistant, shock-resistant, high transmittance.**
- 5. Seal ring: Using heat-resistant silastic.**
- 6. IP rate: IP65**
- 7. 10W to replace 150W Halogen**

3. Specification

LED type: High Power LED
Power (W): 10W/30W/50W/70W/80W/100W/120W/150W
Input voltage(V): 85~265V AC or AC12V (Can be 277V as per request)
Housing color: Grey or Black
Luminous: 860-950LM
Color: 2700-7000K or red, green, blue or RGB



Strives for a better world.

Color Index (CRI) : ≥ 75 or 80

Power factor (PF) : ≥ 0.95

Efficiency: $\geq 85\%$

Frequency (Hz) : 47 to 63Hz

Decline: $< 3\%$ within 3000Hrs

Life time(Hrs) : $\geq 35,000$ H

Humidity: 5 to 95% R.H.

IP degree: IP65

Work temperature: $-20 \sim +55^{\circ}\text{C}$

Stock temperature: $-40 \sim +85^{\circ}\text{C}$

Electric-shock safeguard: CLASS I

IP degree: IP65

Beam angle: $140/160^{\circ}$

Whole series:

Power: 10W/20W/30W/50W/70W/80W/100W/120W/150W

SS-FL-002-10W1 10W IP65 860Lm 5500K AC85~265V 120°

SS-FL-002-30W 30W IP65 2550Lm 5500K AC85~265V 120°

SS-FL-002-50W 50W IP65 4250Lm 5500K AC85~265V 120°

SS-FL-002-70W 70W IP65 5950Lm 5500K AC85~265V 120°

SS-FL-002-80W 80W IP65 6800Lm 5500K AC85~265V 120°

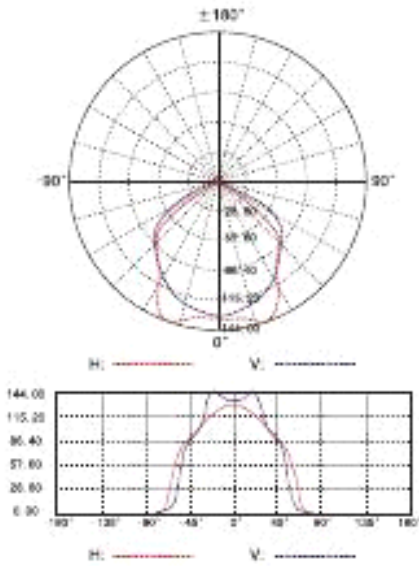
SS-FL-002-100W 100W IP65 8500Lm 5500K AC85~265V 120°

SS-FL-002-120W 120W IP65 10200Lm 5500K AC85~265V 120°

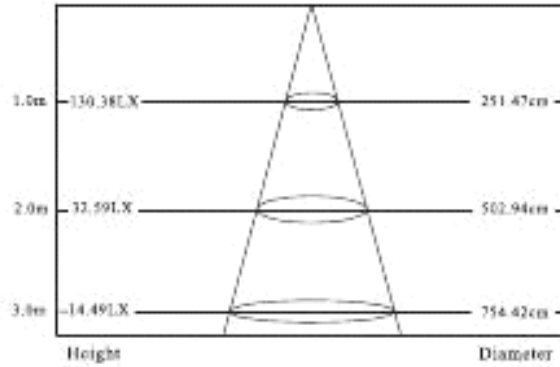
SS-FL-002-150W 150W IP65 12750Lm 5500K AC85~265V 120°

4. Technical Information

Light Distribution Curve:



Lux Distance Curve:



Center Beam Lux

5. Application Information

Square, Buildings, Park, Station, Airport, Grass Lawn, Market, Sports Ground, Tennis Court, Golf course, basketball and football court, Tunnel etc.

Main structure and Application:

- 1 Use high heat conduction aluminum housing, surface spray emission oil paint, reach IP65.
- 2 Mainly used for outdoor city beautify, and factory, warehouse etc.

6. Package & Certification

- SS-FL-002-10W 115*87*90mm
- SS-FL-002-30W 225*185*140mm
- SS-FL-002-50W 229*237*182mm
- SS-FL-002-70W 360*287*110mm
- SS-FL-002-80W 360*287*110mm
- SS-FL-002-100W 360*287*110mm
- SS-FL-002-120W 450*200*200mm
- SS-FL-002-150W 450*200*200mm

Single N.W: 0.58kgs Packing dimension: 525x270x235mm (20pcs/carton)

7. Installation and maintenance:

- 1 Please cut off the electrical power when install or remove the light, and under professional technician's instruct.
- 2 Please take care the glass cover when installing.

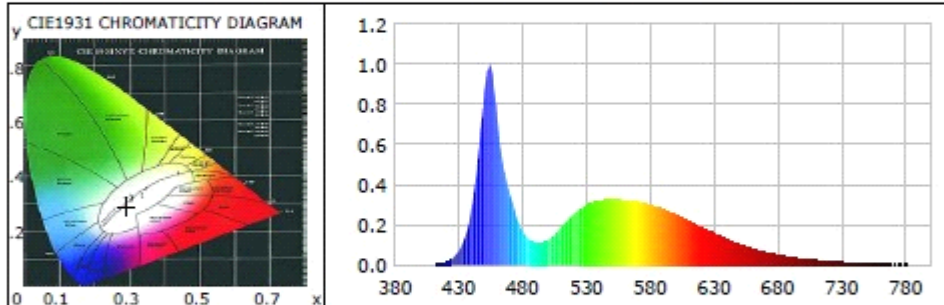
Spectrum Test Report

Product Information

Product Type: LD-FL-10W-CL1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.2905$ $y=0.2917$ $u(u')=0.1963$ $v=0.2957$ $v'=0.4435$
 CCT: $T_c=8824K$ ($duv=-0.00427$) Color Ratio: R=0.121 G=0.817 B=0.062
 Peak Wavelength: 422nm Half Bandwidth: 20.0nm
 Dominant Wavelength: 478.5nm Color Purity: 0.184
 CRI: Ri: Ra= 78
 R1 =83 R2 =84 R3 =75 R4 =85 R5 =79 R6 =71 R7 =92 R8 =82
 R9 =31 R10=53 R11=80 R12=35 R13=84 R14=85 R15=87



Photometric Parameters

Luminous Flux: 872.1 lm Efficiency: 83.06 lm/W Radiant Power: 1.693 W

Electric Parameters

Voltage: 220.00V Current: 0.0503A Power: 10.500W
 Power Factor: 0.948 Frequency: 50.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method:
 Stabilization Time: 100 Sec Photometric Condition: Sphere diameter: 1.75m, 4π
 Max of Signal: 46594 (2495) CCD Integration Time: 521.44 ms