

IMIDFLCW200W



| | Quality department | Engineering department | Sales department | |
|------------------------|--------------------|------------------------|------------------|--|
| IMID confirmation | | | | |
| Customers confirmation | | | | |

I Product Description

Package using proprietary single powerful 100W LED as the light source, using a unique multi-chip integrated mode the light source design, selection of imported, high brightness semiconductor chips; with red, green, blue, yellow, white, etc suitable for high-power landscape lighting; LED closely connecting directly with the shell, shell heat through the wings and air convection cooling of the light casting aluminum alloy, heat can be effectively and ensure that the light source life. 5mm High intensity tempered glass and the perfect combination of light body, making lamps can be used in high humidity ; Light body with anti-aging silicone rubber sealing strip. The surface of the anodic oxidation and plastic spraying treatment, the overall lighting meet IP65 standards ; Adopting high purity, aluminum cover against Germany import effectively improve the reflectivity, and ensure the flux output. LED issue will be targeted to control the light in the context of improving the lighting effects of the light uniformity and utilization of light energy, highlights the significant energy saving advantage of LED lamps.

II. Product features :

- Green non-pollution: cold light design, no radiation, eyes and skin without any damage. Do not contain lead, mercury pollution elements, realize the real meaning of green environmental protection and energy saving lighting.
- Light Body: The housing is die casting aluminum material. Which is good for getting the heat out. Thus it can protect the life age of the light source.
Good heat-sink assures the lamp can be used in high temperature environment.
- Adopting high purity, aluminum cover against Germany import effectively improve the reflectivity, and ensure the flux output. LED issue will be targeted to control the light in the context of improving the lighting effects of the light uniformity and utilization of light energy, highlights the significant energy saving advantage of LED lamps.
- No delay start, power is up to normal brightness, without waiting, switching times up to 1 million times.
- Installation fast, flexible, adjustable to any angle. Versatility, wide range of applications.

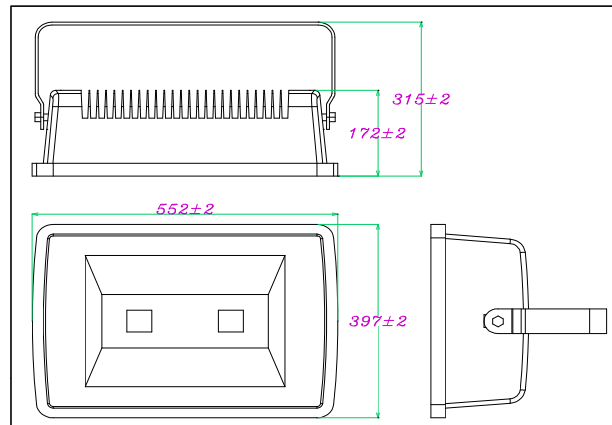
III Product applications :

Widely used in urban road, sidewalks, square, the school, the park.

Courtyard, residential area, factory, billboards, and other places of outdoor lighting needs.

IV Shape dimension and components

- Cover: toughened glass
- Shell: aluminum alloy
- Joint: three core was 0.75mm
- Radiator: 6061 aluminum alloy



V Product performance (@T=25°C) :

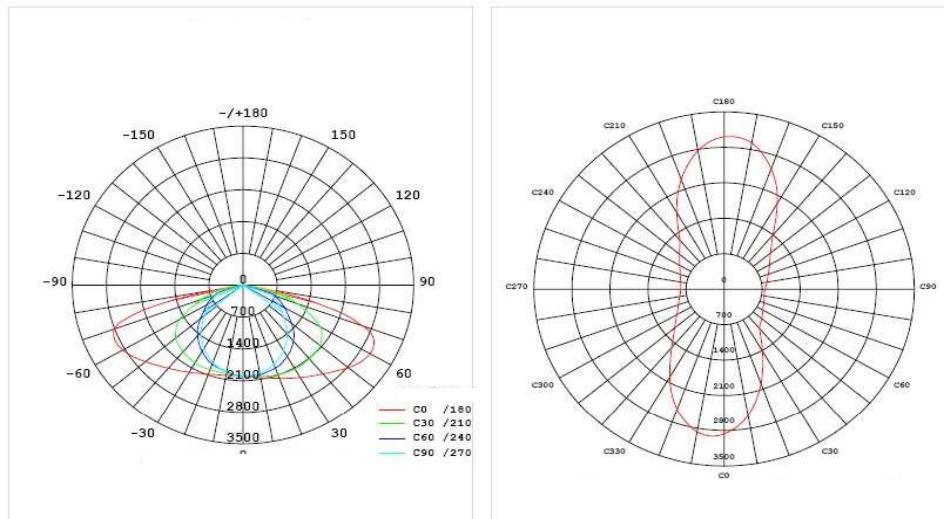
| JL-FLB-CW/10W-1B | | |
|-------------------------|--------------|----------------------|
| Physical parameter | | |
| Input Power Rating | | 200W |
| Qualitative Chimney | | aluminum |
| LEDquantity | | 2PCS |
| Diameter | | L552mm*W397mm*H172mm |
| Color | | black, silvery white |
| Weight | | 17kg+/-0.5kg |
| Optical parameters | | |
| *Luninous Flux | | >20000lm |
| *Radiant Flux | | 110° |
| *Lighting Effect | | 100Lm/W |
| *Color Temperature | | 5000~6500K |
| *Color Rendering Index | | Ra>75 |
| **Illumination Angle | | 120° |
| The average illuminance | 3M | 732.0Lux |
| | 4M | 485.7Lux |
| | 5M | 346.8Lux |
| Electrical parameters | | |
| ***Service Voltage | | AC85V-265V |
| ***Supply Current | | 0.825A@240VAC |
| ***Power Factor | | >0.95 |
| ***Power Efficiency | | >87% |
| others | | |
| Connect wire | Brown | L |
| | Blue | N |
| | Yellow/Green | G |
| Ambient Temperature | | -25°C ~ +60°C |
| Storage Temperature | | normal temperayure |
| Working Life-span | | >30000H |
| Pack | | paper skin |

*Data from EVERFINE PMS-80 visible Spectra Analysis System under the 25 °C actual tests come

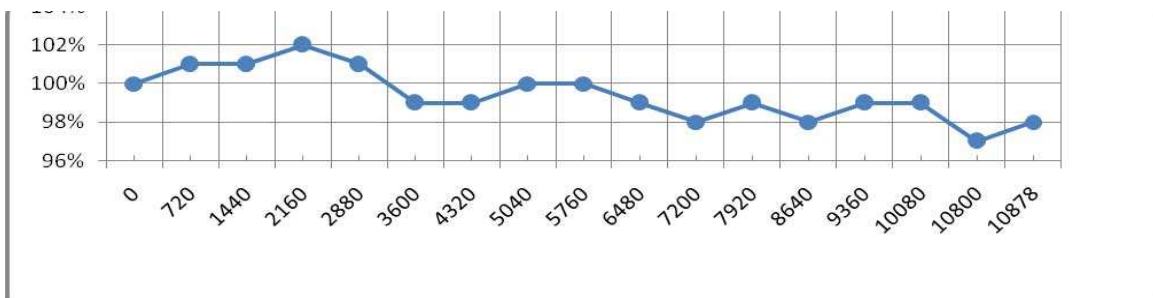
*Data from EVERFINE GO1900L lamp light distribution curve testing system under 25 °C actual tests come

*Data from EVERFINE PF9800 intelligent Coulomb - measure instrument drawn 25 °C real test

VI Distribution of Light

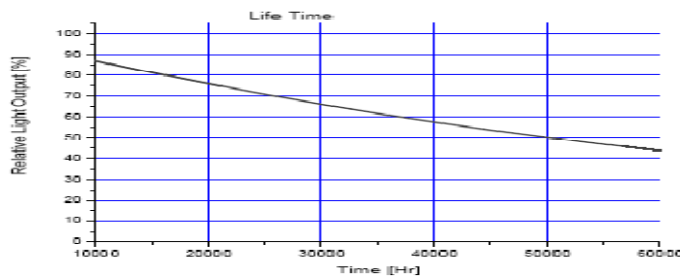


VII Such Illumination Curve



Remark: This illumination curve is from many lights' testing results. This line accurately shows the situation of light decay rate. Anyway, the weather, temperature and other natural environment will change the lumen a little. Overall, the lumen keeps above 95% when the flood light lighting for 10 000H without the maintenance.

VIII LIFESPAN



IX Installation instructions

1. It can be fixed to the poles with screws through the $\phi 10\text{mm}$ holes.
2. After the product is fixed, screw 1A and 1b can be loose. Then change the bracket's angle, that is to say, change installation angle.
3. Working environment temperature, storage.
4. In order to avoid leakage, wire splices should be sealed up while installing lights.
5. Must take the appropriate waterproofing, leakage measures when using external power supply.
6. Mustn't violate any fire safety regulations when using this lamp.
7. It should be installed by professional electrician.

X Maintenance instructions:

1. Please make sure that it has been cut off before maintaining.
2. Clean flood lamp's glass periodically to make sure of the transmission of light.
3. Clean flood lamp's housing and radiator periodically to make sure of good performance of heat dissipation.
4. Don't clean it with water or corrosive solution but dry rag.

XI Use Instruction

1. Input Voltage : AC 85V~265V 50/60Hz.
2. Storage Temperature: 25°C. Working Temperature : -15°C~+60°C, Best Working Temperature: 25°C
3. Handle carefully since there are glass inside the box.