

PL-DJL-30W

Overview

The PL-DJL-30W Firefly Effect Light is a high-performance outdoor decorative lighting fixture designed to create a stunning firefly-like effect. With a durable aluminum housing, stainless-steel glass mask, and IP65 protection rating, it delivers reliable performance in a variety of environments — from gardens and parks to architectural facades and events. Equipped with a high-power laser diode, this light produces bright, stable, and energy-efficient beams that simulate natural fireflies, adding a magical ambiance to any space.

Product Specification

| Items | Details |
|--------------------------------|----------------------------|
| Light Type | 1 × High Power Laser Diode |
| Lifetime | > 8,000 hours |
| Number of Photoelectric Points | 600 pcs |
| Beam Angle | 80° |
| Voltage | AC100–240V, 50/60Hz |
| Power Factor | 93 |
| Power Consumption | 30W |
| Electrical Safety Level | Class I |
| ESD Protection | IEC61000-4 |
| IP Rating | IP65 |



Feature

- **Wide Voltage Compatibility:** Works with AC100–240V, 50/60Hz for stable performance worldwide.
- **High Efficiency:** Power factor 0.93 ensures optimal energy use and stable operation.
- **Powerful Light Source:** 1 × high-power laser diode with >8,000 hours lifetime.
- **Precision Optics:** 80° beam angle delivers uniform and natural projection.
- **Smart Temperature Detection:** Automatically reduces brightness when the temperature is too high to protect internal components.
- **Flexible Projection:** Best projection distance of 3–8 meters and coverage of 12–65 square meters.
- **Rugged Construction:** Aluminum body with stainless-steel glass for corrosion resistance and long-term durability.
- **Weatherproof Design:** IP65 rating allows reliable outdoor use in all weather conditions.
- **Compact & Lightweight:** Only 2.5 kg — easy to install and maintain.
- **Wide Operating Range:** Stable performance under temperatures from -25°C to +50°C.

| Items | Details |
|--------------------------|--|
| Shell Material | Aluminum |
| Mask Material | Stainless Steel + Glass |
| Dimensions & Weight | 200 × 210 × 250 mm / 2.5 kg |
| Temperature Detection | If the temperature is too high, the brightness will automatically decrease |
| Temperature Detection | Automatic brightness reduction when temperature is too high |
| Best Projection Distance | 3–8 meters |
| Best Projection Range | 12–65 square meters |
| Working Temperature | -25°C ~ +50°C |
| Storage Temperature | -40°C ~ +70°C |
| Humidity Range | 0–90% RH |