

PL-DJL-20W

Overview

The PL-DJL-20W Firefly Effect Light is a compact, high-performance outdoor lighting fixture designed for decorative and ambient projection.

It features a high-power laser diode light source that delivers vivid “firefly” visual effects with high brightness and excellent stability.

Constructed with a durable aluminum housing and stainless steel glass cover, it ensures long-lasting performance under harsh environmental conditions.

With an IP65 protection rating, this fixture is ideal for architectural illumination, garden lighting, theme parks, and landscape effects.

Product Specification

Items	Details
Light Source	1 pcs High Power Laser Diode
Light Lifetime	>8000 hours
Number of Photoelectric	600 pcs
Beam Angle	80°
Voltage	AC100~240V 50/60Hz
Power Factor	93
Power	20W
Electrical Safety Level	Class I
ESD Protection	IEC61000-4
IP Rate	IP65



Feature

- High-Efficiency Light Source: 1 pcs high power laser diode with 600 photoelectric points for uniform “firefly” projection.
- Long Service Life: Light lifetime over 8,000 hours ensures low maintenance and reliable operation.
- Wide Projection Range: Optimal projection distance 3–8 meters, covering 12–65 square meters.
- Intelligent Temperature Control: Automatic brightness reduction when internal temperature is too high, protecting the light source.
- Robust Construction: Aluminum housing and stainless steel glass mask for superior durability and heat dissipation.
- Weatherproof Design: IP65-rated, suitable for both indoor and outdoor environments.
- Stable Electrical Performance: Operates on AC100–240V, power factor 0.93, and Class I electrical safety standard.
- Compact Dimensions: 200 × 210 × 250 mm, lightweight at 2.5 kg for easy installation.

Items	Details
Shell Material	Aluminum
Mask Material	Stainless Steel Glass
Physical Size & Weight	200 × 210 × 250 mm / 2.5 kg
Temperature Detection	If the temperature is too high, the brightness will automatically decrease
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%