

# PL-DJL-10W



## Overview

The PL-DJL-10W Firefly Effect Light is a compact, weather-resistant decorative fixture designed to create a mesmerizing “firefly” or “starry night” visual effect for outdoor and indoor environments.

Powered by a high-power laser diode and equipped with 600 optical points, this unit delivers dynamic sparkle and motion across walls, trees, or architectural surfaces. Its wide 80° beam angle ensures broad coverage, while the temperature protection system automatically regulates brightness to ensure long-term stability and safety.

Engineered with IP65-rated aluminum housing, stainless steel glass front, and IEC61000-4 ESD protection, the PL-DJL-10W is built for durability in harsh conditions. Ideal for gardens, facades, event spaces, or creative installations requiring subtle, twinkling light effects with minimal power consumption.

## Product Specification

| Items                          | Details                                   | Items                           | Details   |
|--------------------------------|---|---------------------------------|---|
| Model                          | PL-DJL-10W Firefly Effect Light           | Beam Angle                      | 80°   |
| Voltage                        | AC100-240V, 50/60Hz                       | Temperature Detection           | Automatic brightness reduction when temperature is too high |
| Power Factor/Consumption       | 93/10W                                    | Best Projection Distance        | 3-8 meters  |
| Electrical Safety Level        | Class I                                   | Best Projection Range           | 12-65 square meters   |
| ESD Protection                 | IEC61000-4                                | Working Temperature             | -25°C to +50°C  |
| IP Rating                      | IP65                                      | Storage Temperature             | -40°C to +70°C  |
| Shell Material/Mask Material   | Aluminum/Stainless steel glass            | Humidity Range                  | 0-90% RH  |
| Light Source/time              | 1 × High Power Laser Diode / >8,000 hours | Dimensions (L × W × H) / Weight | 200 × 210 × 250 mm / 2.5 kg                                 |
| Number of Photoelectric Points | 600 pcs                                   |                                 |   |

## Feature

- High-precision optical system with 1 × high-power laser diode producing 600 dynamic light points.
- Wide 80° beam angle ensures large-area coverage (12-65 m<sup>2</sup>).
- Auto temperature protection – brightness automatically reduces at high temperatures for extended lifespan.
- Durable construction – aluminum body with stainless steel glass front, IP65-rated for outdoor use.
- Energy-efficient operation – only 10W power consumption with Power Factor 0.93.
- Safe and stable performance – Class I electrical safety and IEC61000-4 ESD protection.
- Reliable lifespan – light source lifetime over 8,000 hours.
- Optimized projection – best range 3-8 meters for vivid firefly effect.

