

DSL-L200FS

200W LED Profile Spotlight with Manual Zoom



Description

The DSL-L200FS 200W LED Profile Spotlight with Manual Zoom is a professional lighting fixture designed for photography, videography, and stage applications. It features high-CRI LEDs with a 50,000–100,000 hour lifespan, providing bright, uniform, and energy-efficient light. The fixture offers a 15°–60° adjustable beam, 0–100% linear dimming, strobe effects, and DMX512 control for versatile operation. Built with durable aluminum and metal housing, it employs a heat-pipe cooling system with an optional silent fan for reliable performance. The DSL-L200FS delivers precise, efficient, and professional-quality lighting in a compact and robust design.

Features

- Uses high color rendering index (CRI) LEDs as the light-emitting element, meeting the requirements of professional photography and videography.
- The LED light source is a solid-state device with a lifespan of 50,000–100,000 hours, representing a new generation of green and environmentally friendly lighting.
- High-power density LED modules combined with a high-efficiency aspherical spotlight system provide high luminous efficiency, wide beam angle, and uniform light spots, saving up to 90% energy compared with traditional halogen tungsten spotlights.
- Built-in DMX512 signal control, brightness adjustable from 0–100% via rotary knob or DMX console, without the need for a dimmer box.
- The fixture body uses a combination of high-quality aluminum profiles and metal panels. The surface is coated with black epoxy high-voltage electrostatic powder.

- The cooling system applies heat pipe technology, and in special environments, an intelligent silent air-cooling system can be optionally installed.

Specifications

| Model | DSL-L200FS |
|-----------------------------|--|
| Input Voltage | AC100-240V 50/60Hz |
| Rated Power | 250W |
| Light Source | High-Brightness Integrated LED (Imported) |
| Light Source Power | 200W |
| LED Lifespan | 50,000–100,000 hours |
| Luminous Flux | 3200K Standard: 100W / 5600K Standard: 100W |
| Color Temperature | 3200K / 5600K / Bi-Color (3200K+5600K) / Full RGBW Optional |
| CRI (Color Rendering Index) | Ra ≥90, up to 97 |
| Driving Method | Constant Current |
| Dimming: | 0–100% Linear Electronic Dimming (16-bit Flicker-Free) |
| Strobe | 1–30 Times/Sec |
| Beam Angle | 15°–60° Adjustable |
| Control Signal | International Standard DMX512 |
| Control Mode | 1CH / 2CH (Dimming / Strobe) Selectable |
| Operation | LCD Display Control Menu |
| Cooling System | Ultra-Quiet Fan Cooling with Copper Heat Pipe |
| Fixture Temperature | ≥40°C |
| Dimensions (L×W×H) | 630 × 285 × 460 mm (Including Barn Doors and Bracket Height) |
| Net Weight | 6.8kg |
| Package Dimensions (L×W×H) | 530 × 340 × 340 mm (Per Unit) |
| Gross Weight | 9.5kg |