

PL-200SP-Z

Overview

The PL-200SP-Z is a professional 200W COB LED Fresnel spotlight engineered for studio, stage, theatre, and broadcast applications. It delivers precise beam control, smooth dimming, and excellent color accuracy (CRI ≥ 90), making it ideal for both warm and cool white lighting setups. With a manual zoom system (optional electronic zoom) and a high-quality 4-leaf barn door, this fixture provides versatile control of beam shape and spread. Its DMX512 compatibility, digital interface, and end-to-end PowerCon connectivity ensure seamless integration into any modern lighting environment. The PL-200SP-Z combines power, efficiency, and precision in a compact, robust design suitable for professional use.

Product Specification

Items	Details
Light Source	200W COB LED (Cool White / Warm White)
Color Temperature	3200K / 5600K
LED Lifetime	60,000 to 100,000 hours
CRI	3200 ≥ 90
DMX Channels	2 / 3 CH
Control Protocol	DMX 512 / 1990 standard
Display	Digital display
Zoom Mode	Manual zoom (optional: electronic zoom)
End-to-End Capability	Yes
Fastening System	Mounting yoke
Barn Door	4 rotating barn doors
AC Power	90–260V auto sensing
Power Consumption	200W
DMX Data IN/OUT	3-pin XLR
IP Rating	IP20
Physical Size & Weight	486 × 276 × 250 mm / 8.5 kg

Feature

- High-Power LED Source: 200W COB LED available in warm white (3200K) or cool white (5600K).
- Exceptional Color Accuracy: CRI ≥ 90 for natural skin tones and true color reproduction.
- Electronic Zoom: Smooth, motorized zoom for precise beam adjustment.
- Professional Control: 4 DMX channels with DMX512/1990 standard compatibility.
- End-to-End Connectivity: PowerCon link-through for fast daisy-chaining.
- User-Friendly Interface: Digital display with intuitive menu navigation.
- Quiet Operation: Efficient thermal design suitable for studio environments.
- Rugged Construction: Aluminum alloy housing with adjustable mounting yoke and 4-leaf barn door.
- Energy Efficient: Low power consumption with high luminous efficacy.

