

PL-PDCOB (150W)

Overview

The PL-PDCOB (150W) is a professional-grade LED Fresnel spotlight designed for theaters, studios, conference halls, and stage lighting applications.

Equipped with a powerful 150W COB warm white LED and a 45° beam angle (optional 25° or 30°), it delivers soft, even illumination with high color consistency. The fixture supports DMX512 control, smooth dimming, and flicker-free operation—ideal for both live and camera environments. Built for reliability and energy efficiency, the PL-PDCOB offers flexible power linking and robust performance for continuous professional use.

Product Specification

Items	Details
Light Source	150W High Power Warm White COB LED Lamp
Optional Power	100W / 200W / 300W
Color Temperature (CCT)	3200K ±100K
CRI (Color Rendering Index)	≥96
LED Lifetime	Approx. 50,000 hours
MTBF (Mean Time Between Failures)	≥50,000 hours
Beam Angle	45° (Optional 25°, 30°)
Dimmer	0–100% Linearly Adjustable

Feature

- 150W COB Warm White LED (optional 100W/200W/300W).
- 3200K Color Temp, high color quality.
- Lifetime: Approx. 50,000 hours.
- Beam Angle: 45° (optional 25°/30°).
- 0–100% Linear Dimming, constant current driver.
- Flicker-Free, suitable for video use.
- DMX512 Control, 2 channels.
- PowerCon In/Out for daisy-chain setup.
- Low Noise Cooling, indoor use.
- Lightweight Aluminum Body: 3 kg.

Items	Details
Strobe	0–25 f.p.s
Flicker-Free	PWM Frequency ≥2kHz – 25kHz
Power Supply	Constant Current Power Supply
Control Protocol	DMX-512
DMX Channels	2 Channels
Control Modes	Manual / DMX512 / Master-Slave / Auto Run
Display	Digital LED Display
End-to-End Connection	Supported
IP Rating	IP20
Power Input Range	AC 90–260V, 50/60Hz (Auto Sensing)
Power Consumption	200W
Power Connection	PowerCon In/Out
Data Connection	DMX In/Out (3-pin XLR)
Physical Size & Weight (Excl. Barn Door)	30 × 22 × 32 cm / 3 kg

