

PL-WM-4COB

Overview

The PL-WM-4COB features 4 × 100W COB LEDs in warm white (optional cool white) with a CRI of 96 and CCT consistency of ±100K, ensuring accurate color reproduction and uniform output across all modules. The fixture provides a 60° beam angle, 0–100% linear dimming, and a 0–25 FPS strobe, driven by a flicker-free PWM system (≥2 kHz – 25 kHz) suitable for broadcast and camera environments.

It supports DMX-512 control with 4/8-channel modes and an integrated digital display.

Electrical performance includes 100–240V AC, 50/60Hz input and 450W power consumption.

The LED system offers a lifetime of 50,000 hours with MTBF ≥ 20,000 hours.

Connectivity is provided via 3-pin XLR DMX In/Out.

The fixture measures 50 × 41 × 12 cm, weighs 8.5 kg, and is rated IP20 for indoor professional use.

Product Specification

Feature

- Four high-output 100W COB LED modules with optional cool-white configuration
- High CRI 96 for accurate color reproduction and natural skin-tone rendering
- ±100K CCT consistency ensures uniform color across all LED sources
- Flicker-free PWM (≥2 kHz – 25 kHz) optimized for broadcast and camera applications
- Smooth 0–100% linear dimming and 0–25 FPS strobe for dynamic stage effects
- Dual DMX modes (4/8 channels) with digital display interface
- Rugged housing engineered for touring, rental, and fixed installation
- Long-life LED system rated at 50,000 hours with MTBF ≥ 20,000 hours.

Items	Specification	Items	Specification
Category	Details	MTBF	≥ 20,000 hours
Light Source	4 × 100W COB LED (Warm White, optional Cool White)	Control Protocol	DMX-512
CRI	96	DMX Modes	4 / 8 channels
CCT Consistency	±100K	Display	Digital display
Beam Angle	60°	Input Voltage	100–240V AC, 50/60Hz
Dimming	0–100% linear	Power Consumption	450W
Strobe Rate	0–25 FPS	DMX Connections	3-pin XLR In/Out
Flicker-free	PWM ≥ 2 kHz – 25 kHz	IP Rating	IP20
LED Lifetime	50,000 hours	Dimensions/ Weight	50 × 41 × 12 cm/8.5kg

