

PL-PD-18QUAD



Overview

The PL-PD-18QUAD 18×4IN1 LED PAR Light is a compact yet powerful RGBW fixture engineered for professional stage, event, and studio applications. Equipped with 18 high-efficiency 12W RGBW LEDs, the unit delivers vibrant color mixing with excellent accuracy, supported by a high CRI of 96 and stable CCT performance. Its flicker-free PWM range up to 25 kHz ensures flawless performance for film, TV, and live-stream environments. With multiple DMX modes, smooth dimming, and durable construction, the PL-PD-18QUAD is ideal for touring productions, theaters, clubs, and fixed installations requiring reliable, camera-ready illumination.

Product Specification

Item	Specification
LED Type	18 × 12W RGBW 4-in-1 LEDs
LED Lifetime	50,000 hours
CRI	96
CCT Consistency	±100K
MTBF	≥ 20,000 hours
Beam Angle	25° (optional 30°, 45°)
Dimmer	0–100% linear
Strobe	0–20 fps
Flicker-Free	PWM ≥ 2kHz – 25kHz
Protocol	DMX-512
DMX Channels	3 / 4 / 6 / 7 / 8 modes
Display	Digital display
Connectivity	3-pin XLR In/Out
Power Input	AC 90–260V, auto-sensing
Power Consumption	230W
Power Connections	PowerCon In/Out
Physical Size	L 30 cm × W 22 cm × H 32 cm
Weight	2.8 kg
IP Rating	IP20

Feature

- 18×12W RGBW 4-in-1 LEDs for rich, saturated colors
- High CRI 96 for natural and accurate color reproduction
- CCT Consistency ±100K ensures uniform lighting across fixtures
- Flicker-free PWM (2kHz–25kHz) suitable for film & camera use
- Beam angle 25° (optional 30°/45°) for flexible wash applications
- Five DMX modes: 3 / 4 / 6 / 7 / 8 channels
- 0–100% linear dimming with smooth response
- Strobe effect 0–20 fps
- MTBF ≥ 20,000 hours & LED lifetime 50,000 hours
- End-to-end PowerCon linking & DMX chaining
- Lightweight and durable housing suitable for touring and installation.

