

PL-PD-24QUAD

Overview

The PL-PD-24QUAD is a professional indoor LED PAR fixture designed for stage performances, live events, theaters, clubs, churches, and rental applications. Equipped with 24 × 12W RGBW 4-in-1 LEDs, the fixture delivers powerful brightness, smooth color mixing, and vibrant wash effects for professional lighting environments.

Featuring multiple DMX channel modes, flicker-free PWM technology, linear dimming, high-speed strobe effects, and optional beam angles, the PL-PD-24QUAD provides flexible control and stable performance for concerts, TV studios, event productions, and indoor architectural lighting applications.

Feature

- 24 × 12W RGBW 4-in-1 LEDs
- Rich and uniform RGBW color mixing
- Smooth 0–100% linear dimming
- Flicker-free PWM technology (≥2kHz–25kHz)
- Multiple DMX channel modes (3 / 4 / 6 / 7 / 8 CH)
- Optional beam angles: 25° / 30° / 45°
- High-speed strobe effect (0–20 F.P.S)
- Digital display for easy operation
- End-to-end power connection capability
- Compact and lightweight aluminum housing
- IP20 indoor protection rating
- Long LED lifetime up to 50,000 hours
- Stable operation for professional lighting applications

Product Specification

Item	Specification	Item	Specification
Light Source	24PCS 12W 4IN1 LEDs	Control Protocol	DMX512
DMX Channels	4 / 6 / 7 / 8 / 3 CH	AC Power	90–260V auto sensing
End-to-End Capability	Supported	Power Connection	PowerCon IN / OUT
Display	Digital display	Power Consumption	280W
Beam Angle	25° (optional 30°, 45°)	DMX Connection	3-pin XLR IN / OUT
Dimmer	0–100% linearly adjustable		
Strobe	0–20 F.P.S		
IP Rating	IP20		
CRI (Color Rendering Index)	96		
CCT Consistency	±100K		
Flicker-Free	PWM ≥ 2kHz – 25kHz		
LED Lifetime / MTBF	50,000 hours / MTBF ≥ 20,000 hours		
Dimensions (L × W × H)	30 × 22 × 32 cm		
Weight	2.8 kg		

