

# PL-PD-24QUAD

## Overview

The PL-PD-24QUAD 24×4IN1 LED PAR Light is a compact yet powerful RGBW fixture designed for professional stage, event, and studio environments. With 24 high-output 12W 4-in-1 LEDs, excellent color rendering (CRI 96), stable CCT performance, and flicker-free PWM up to 25 kHz, it delivers precise, vibrant, camera-ready illumination. Its durable housing, wide DMX compatibility, and efficient heat management make it suitable for both touring applications and fixed installations.

## Product Specification

Item	Specification
LED Type	24 × 12W RGBW 4-in-1 LEDs
LED Lifetime	50,000 hours
CRI (Color Rendering Index)	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 channels
Display	Digital display
Control Connectivity	3-pin XLR In/Out
Power Input	AC 90–260V, auto sensing
Power Consumption	280W
Power Connections	PowerCon In/Out
Physical Size	L 30 cm × W 22 cm × H 32 cm
Weight	2.8 kg

## Feature

- 24×12W RGBW 4-in-1 high-power LEDs for rich color mixing
- High CRI 96 ensures accurate and natural color reproduction
- CCT Consistency ±100K for uniform lighting across multiple fixtures
- Flicker-free PWM (2kHz–25kHz) – ideal for film, TV, and live streaming
- Beam angle 25° (optional 30°/45°) suitable for wash, accent, or stage lighting
- Five DMX modes (3/4/6/7/8 channels) for flexible control
- End-to-end power & DMX linking for large system setups
- Linear 0–100% dimming with smooth curve
- Strobe 0–20fps for dynamic effects
- MTBF ≥ 20,000 hours & LED lifetime up to 50,000 hours
- Compact & portable design for touring, theater, and event halls

