

PL-PN-24QUAD

Overview

The PL-PN-24QUAD is a professional IP65-rated LED PAR fixture designed for outdoor stages, live events, architectural lighting, and rental applications. Equipped with 24 high-output 12W 4-in-1 RGBW LEDs, the fixture delivers powerful brightness, rich color mixing, and smooth lighting performance for demanding professional environments.

Featuring a standard 25° beam angle with optional 30° and 45° lenses, the PL-PN-24QUAD offers flexible coverage for both focused and wide-area illumination. The fixture supports smooth 0–100% linear dimming, high-speed strobe effects, and flicker-free PWM operation, making it suitable for stage performances, broadcast studios, and video production.

With multiple DMX channel modes, end-to-end power linking capability, digital display control, and rugged IP65 housing, the PL-PN-24QUAD ensures reliable performance in both indoor and outdoor applications.

Product Specification

Item	Specification
Product Type	IP65 24×12W 4-in-1 RGBW LED PAR Light
Light Source	24 pcs 12W 4-in-1 RGBW LEDs
LED Lifetime	50,000 hours
MTBF	≥20,000 hours
CRI (Color Rendering Index)	96
Beam Angle	25° (Optional: 30° / 45°)
CCT Consistency	±100K
Dimming	0–100% linear dimming
Flicker-Free	PWM ≥2kHz – 25kHz
Strobe	0–20 F.P.S
Control Protocol	DMX512
DMX Channels	3 / 4 / 6 / 7 / 8 CH
Display	Digital display
Power Linking	End-to-end capability

Feature

- 24 × 12W high-power 4-in-1 RGBW LEDs with vivid color mixing
- IP65-rated housing for indoor and outdoor applications
- Standard 25° beam angle with optional 30° and 45° lenses
- Smooth 0–100% linear dimming performance
- Flicker-free PWM operation (≥2kHz – 25kHz) for broadcast and video use
- Strobe effect from 0–20 F.P.S
- Multiple DMX channel modes: 3 / 4 / 6 / 7 / 8 CH
- End-to-end power linking capability
- Digital display for easy setup and operation
- CRI up to 96 for accurate color rendering
- LED lifetime up to 50,000 hours with MTBF ≥20,000 hours
- Wide-range AC 100–240V auto-sensing power supply
- PowerCon IN/OUT and 3-pin XLR DMX connectivity

Item	Specification
Input Voltage	AC 100–240V Auto-Sensing
Power Consumption	320W
Power Connection	PowerCon IN / OUT
DMX Connection	3-pin XLR IN / OUT
Dimensions (L × W × H)	32.5 × 33.5 × 25.5 cm
Weight	8.5 kg

