

PL-PWM-4QUAD

Overview

The PL-PWM-4QUAD is a compact and energy-efficient 4x4IN1 RGBW LED PAR light with IP65 waterproof protection, designed for architectural lighting, outdoor decorative projects, landscape lighting, and small stage wash applications. Powered by 4 high-efficiency 12W RGBW LEDs (optional RGBWA+UV), the fixture delivers clean brightness, smooth color mixing, and accurate color reproduction with a CRI of 96.

With flicker-free PWM dimming, multiple DMX channel modes, and a standard 25° beam angle (optional 15° / 45°), the PL-PWM-4QUAD is ideal for wall washing, facade lighting, garden lighting, bars, restaurants, and permanent outdoor installations. Its compact housing, low power consumption, and IP65 rating ensure stable and long-term performance in harsh environments.

Product Specification

Item	Specification
Product Type	4x4IN1 LED PAR Light (IP65)
Light Source	4 pcs 4IN1 RGBW LEDs (optional RGBWA+UV)
LED Power	12W × 4 pcs
Color System	RGBW (optional RGBWA+UV)
CRI (Color Rendering Index)	96
Beam Angle	25° (optional 15° / 45°)
CCT Consistency	±100K
Dimmer	0-100% linear
Strobe Rate	0-25 F.P.S
Flicker-Free	PWM ≥ 2kHz - 25kHz
Control Protocol	DMX512
DMX Channels	3 / 4 / 6 / 7 / 8 CH
Display	Digital display
IP Rating	IP65
Input Voltage	AC 100-240V
Power Consumption	60W

Feature

- 4 × 12W high-power 4IN1 RGBW LEDs (optional RGBWA+UV)
- High CRI ≥ 96 for accurate and vivid color reproduction
- Flicker-free PWM dimming (≥ 2kHz - 25kHz) - camera-friendly
- CCT consistency: ±100K for uniform color temperature
- Multiple DMX modes: 3 / 4 / 6 / 7 / 8 channels
- Beam angle: 25° (optional 15° / 45°)
- Smooth linear dimming: 0-100%
- Strobe speed: 0-25 F.P.S
- DMX512 control protocol
- IP65 waterproof housing for outdoor use
- Wide input voltage: AC 100-240V
- Low power consumption: only 60W
- Digital display for easy operation
- LED lifetime up to 50,000 hours
- MTBF ≥ 20,000 hours for long-term reliability
- Compact, lightweight design: only 2.8 kg.

Item	Specification
DMX Connection	3-pin XLR in/out
LED Lifetime	50,000 hours
MTBF	≥ 20,000 hours
Dimensions (L×W×H) / Weight	225 × 165 × 200 mm / 2.8 kg

