

PL-WW2-24QUAD

Overview

The **PL-WW2-24QUAD** is a high-performance 24 × 12W RGBW 4-in-1 LED wall washer equipped with original CREE LEDs for superior brightness, vivid color mixing, and long-term reliability. Designed for stage lighting, architectural illumination, and outdoor installations, the fixture features a durable IP65-rated housing suitable for all weather conditions. With multiple DMX channel modes, smooth 0–100% linear dimming, flicker-free output, and optional beam angles, the PL-WW2-24QUAD delivers professional-grade performance for concerts, façades, events, and visual design projects.

Product Specification

Items	Specification
Light Source	24 × 12W RGBW 4-in-1 Original CREE LEDs
LED Lifetime	50,000 hours
CCT Consistency	±100K (White channel only)
Flicker-Free	PWM ≥ 2kHz – 25kHz
MTBF	≥ 20,000 hours
Beam Angle	25° (optional 15° or 45°)
Dimmer	0–100% smooth linear dimming
Strobe	0–25 F.P.S
Pixel Mapping	Supported
DMX Channels	3 / 4 / 6 / 7 / 8 CH
Control Protocol	DMX 512
Display	Digital Display
IP Rating	IP65
Voltage	AC 90–260V
Power Consumption	320W
DMX IN/OUT	3-pin XLR
Physical Size & Weight	1020 × 115 × 221 mm — 9 kg

Feature

- 24 × 12W RGBW 4-in-1 CREE LEDs providing powerful output, high efficiency, and excellent color rendering.
- Smooth and precise color mixing with uniform wash coverage ideal for stages and architectural surfaces.
- Selectable beam angles (25° standard, 15° / 45° optional) for flexible lighting applications.
- 0–100% smooth linear dimming for seamless transitions in professional environments.
- Flicker-free PWM ≥ 2kHz – 25kHz, optimized for cameras, video production, and live broadcasting.
- CCT Consistency ±100K on the white LED channel for stable and accurate white tones.
- MTBF ≥ 20,000 hours and LED lifetime up to 50,000 hours, ensuring long-term durability.
- Multiple DMX channel modes (3 / 4 / 6 / 7 / 8 CH) compatible with all standard controllers.
- IP65 outdoor protection, resistant to dust, rain, and harsh weather conditions.
- High power 320W with wide-range voltage AC 90–260V for global use.

