

# PL-W-20QUAD

## Overview

The PL-W-20QUAD is a high-performance RGBW LED Wall Washer featuring 20×12W high-power 4-in-1 LEDs, designed for powerful color mixing, smooth dimming, and uniform wall-washing effects. With its 25° standard beam angle (optional 15°–60°) and IP65 weatherproof housing, this fixture is ideal for building façades, outdoor stages, event venues, bridges, and architectural lighting projects.

Supporting multiple DMX channel modes (3/4/6/7/8 CH) and equipped with flicker-free PWM technology, the PL-W-20QUAD performs flawlessly for both live events and broadcast applications. High CRI 96, stable CCT consistency, and extended MTBF ensure long-term reliability and outstanding light quality.

## Product Specification

Item	Specification
Model	PL-W-20QUAD – 20×12W RGBW LED Wall Washer
Light Source	20×12W High-Power 4-in-1 RGBW LEDs
LED Lifetime	Approx. 50,000 hours
CRI (Color Rendering Index)	96
CCT Consistency	±100K
Flicker-Free	PWM ≥ 2kHz – 25kHz
MTBF	≥ 20,000 hours
Beam Angle	25° (Optional: 15°–60°)
Dimmer	0–100% linear
Strobe Rate	0–25 FPS
IP Rating	IP65
Control Protocol	DMX-512
DMX Channels	3 / 4 / 6 / 7 / 8 CH
Display	Digital Display
Voltage	90–260V AC
Power Consumption	300W
DMX Connection	3-pin XLR In/Out
Dimensions (L×W×H)/Weight	330 × 220 × 290 mm/8.8kg

## Feature

- 20×12W high-power RGBW 4-in-1 LEDs for vivid color mixing and pure white output.
- High CRI 96 for accurate color reproduction on architecture and stage surfaces.
- CCT Consistency ±100K ensures uniform color temperature across multiple fixtures.
- Flicker-free PWM (≥2kHz–25kHz) – ideal for video recording and live broadcasting.
- MTBF ≥ 20,000 hours, LED lifespan up to 50,000 hours.
- Beam angle 25° with optional 15°–60° for flexible wash coverage.
- Smooth 0–100% linear dimming and strobe 0–25 FPS.
- Multiple DMX modes: 3 / 4 / 6 / 7 / 8 channels.
- IP65 waterproof design for reliable outdoor operation.
- Universal voltage 90–260V, suitable for worldwide installations.
- Robust aluminum housing, optimized for continuous professional use.

