

PL-PW-4-50W

Overview

PL-PW-4-50W is a high-performance outdoor LED PAR light equipped with 4 × 50W WW/CW LEDs (optional RGBW version), designed for architectural lighting, stage wash, facade lighting, outdoor events, TV studios, and permanent installations.

With its IP65 waterproof rating, the fixture operates reliably under rain, dust, and harsh outdoor environments. The combination of high CRI (96), stable CCT consistency, and flicker-free PWM technology ensures professional-grade lighting quality suitable for broadcasting, filming, and live performance applications.

Product Specification

Item	Specification
Model	PL-PW-4-50W
Fixture Type	Outdoor LED PAR Light
Light Source	4 × 50W WW/CW LEDs (optional RGBW)
Average LED Lifetime	50,000 hours
CRI (Color Rendering Index)	≥ 96
CCT Consistency	±100K
PWM / Flicker-free	≥ 2kHz – 25kHz
MTBF	≥ 20,000 hours
Beam Angle	25° (optional 30° / 45°)
Dimming	0–100% linear
Strobe	0–25 F.P.S
Control Protocol	DMX 512
DMX Channels	5 CH
Display	Digital display
IP Rating	IP65

Feature

- 4 × 50W high-power WW/CW LEDs (optional RGBW version)
- CRI ≥ 96 for accurate and natural color rendering
- CCT Consistency ±100K for excellent color temperature stability
- Flicker-free PWM (2kHz – 25kHz) for camera-safe operation
- IP65 waterproof housing for outdoor and architectural use
- Beam angle 25° (optional 30° / 45°)
- 0–100% linear dimming for smooth fades
- Strobe 0–25 F.P.S
- 5 DMX channels
- Digital display for easy configuration
- LED lifetime up to 50,000 hours
- MTBF ≥ 20,000 hours for long-term system reliability
- Low power consumption –200W

Item	Specification
Operating Voltage	AC 110–240V, 50/60Hz
Power Consumption	200W
Signal Connection	3-pin XLR DMX In/Out
Dimensions (L × W × H)	240 × 280 × 340 mm
Weight	7.6 kg

