

PL-PW3-36RGB

Overview

The IP65 36×3W RGBW LED PAR Light is a compact, high-efficiency outdoor LED PAR fixture designed for architectural lighting, stage wash, outdoor events, facade lighting, landscape projects, and touring applications. Equipped with 36 high-brightness 3W RGBW LEDs (9R / 9G / 9B / 9W), it provides balanced color mixing, smooth white blending, and excellent output uniformity.

With its IP65 waterproof construction, high CRI of 96, tight CCT consistency, and flicker-free PWM technology, this fixture is fully suitable for professional stage use, broadcast environments, video recording, and permanent outdoor installations.

Product Specification

Item	Specification
Fixture Type	Outdoor LED PAR Light
Light Source	36 × 3W RGBW LEDs (9R, 9G, 9B, 9W)
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	0–20 F.P.S
Control Protocol	DMX 512
DMX Channels	3 / 5 / 6 / 7 CH
Daisy Chain	End-to-end Power & DMX
Display	Digital display
IP Rating	IP65

Feature

- 36 × 3W RGBW LEDs (9R, 9G, 9B, 9W)
- CRI ≥ 96 for accurate color reproduction
- CCT Consistency ±100K for uniform white output
- Flicker-free PWM (2kHz – 25kHz) for camera-safe operation
- IP65 waterproof rating for outdoor and wet environments
- Beam angle 25° (optional 30° / 45°)
- 0–100% linear dimming for smooth fading
- Strobe 0–20 F.P.S
- 3 / 5 / 6 / 7 DMX channels selectable
- DMX 512 control protocol
- End-to-End (Daisy chain) capability for easy system integration
- Digital display with intuitive menu navigation
- LED lifetime up to 50,000 hours
- MTBF ≥ 20,000 hours for long-term reliability
- Low power consumption –150W
- Compact and lightweight 4.25 kg aluminum housing.

Item	Specification
Operating Voltage	AC 100–240V, 50/60Hz (Auto-sensing)
Power Consumption	150W
Power Connection	Power In / Power Out
Signal Connection	3-pin XLR DMX In/Out
Dimensions (L × W × H)	260 × 190 × 260 mm
Weight	4.25 kg

