

PL-W-240

► Overview

The PL-W-240 is a high-power 240 × 3W RGB LED City Color fixture designed for large-scale architectural lighting, façade illumination, outdoor events, and stage wash applications. With powerful color mixing, wide beam coverage, IP65 weather protection, and professional DMX control modes, it delivers uniform, vibrant output suitable for both permanent installations and live productions. Its robust construction and flicker-free performance ensure long-term stability and flawless operation in demanding environments.

► Product Specification

Items	Specification
Model	PL-W-240 LED City Color
Light Source	240 × 3W RGB 3-in-1 LEDs
LED Lifetime	50,000 hours
Flicker-Free	PWM ≥ 2kHz – 25kHz
MTBF	≥ 20,000 hours
Beam Angle	25° (optional 15°, 45°)
Dimming	0–100% linear
Strobe	0–25 FPS
Control Protocol	DMX512
DMX Channels	5 / 7 / 10 channels
Display	Digital display
Input Voltage	90–260V
Power Consumption	750W
Connections	3-pin XLR DMX In/Out
IP Rating	IP65
Dimensions (L × W × H)	610 × 400 × 640 mm
Weight	26.5 kg

► Feature

- 240 × 3W RGB LED modules for high-output color washing
- Wide 25° beam angle (optional 15° / 45°) for versatile coverage
- Smooth 0–100% linear dimming with 0–25 FPS strobe
- Multiple DMX control modes: 5 / 7 / 10 channels
- Flicker-free PWM (≥2kHz – 25kHz) suitable for broadcast and camera
- Digital display for easy configuration
- Long-life 50,000-hour rated LED system
- Rugged IP65 weatherproof housing for outdoor use
- High MTBF ≥ 20,000 hours for enhanced reliability
- Universal 90–260V power input with 750W max consumption.

