

PL-M-19Z-QUAD

Overview

The 19x15W LED Moving Head is a compact yet powerful lighting solution designed for professional stage, event, and installation applications. Equipped with 19 high-performance 15W RGBW (4-in-1) OSRAM LEDs, this fixture delivers vibrant color mixing and excellent light output with outstanding durability. The versatile zoom range of 8°–40° allows seamless transition from tight beam effects to wide wash coverage, making it suitable for a variety of lighting designs. With smooth 16-bit dimming, flicker-free operation, and precise Pan/Tilt movement, the fixture ensures stable performance for both live events and camera environments. Multiple control modes including DMX512, automatic, and master/slave provide flexible operation for different setups. Built with a robust design, long LED lifespan, and reliable MTBF, this moving head offers an efficient and dependable solution for venues such as stages, clubs, theaters, and event productions.

Product Specification

Items	Details
Product Type	19x15W LED Moving Head
Power Supply	AC100–240V, 50/60Hz
Power Consumption	350W
Light Source	19 × 15W RGBW (4-in-1) OSRAM LEDs
LED Lifetime	50,000 hours
MTBF	≥20,000 hours
Zoom Range	8°–40°
Dimmer	0–100% linear
Dimmer Resolution	16-bit
Flicker-free	PWM ≥2kHz–25kHz
Strobe	0–20 FPS
Display	Digital display

Feature

- 19 × 15W RGBW (4-in-1) OSRAM LEDs for vibrant colors and high brightness
- Wide zoom range 8°–40° for flexible beam and wash effects
- Smooth 0–100% linear dimming with 16-bit precision
- Flicker-free operation (PWM ≥2kHz–25kHz), ideal for video recording
- Dynamic strobe effect up to 20 FPS
- Precise Pan/Tilt movement with 16-bit resolution
- Multiple control modes: DMX512, Auto, Master/Slave
- Dual DMX connectivity (3-pin & 5-pin) for professional integration
- Long LED lifespan up to 50,000 hours, ensuring durability
- Compact size and lightweight design for easy installation and transport.

Items	Details
Control Mode	DMX512, Automatic, Master/Slave
DMX Channels	16 CH
Pan/Tilt Resolution	16-bit
Connections	DMX In/Out (3-pin & 5-pin)
Dimensions	32 × 21 × 38 cm
Weight	9.5 kg

