

PL-M-400BSW



Overview

The PL-M-400BSW is a professional 400W LED Moving Head fixture designed for high-performance stage, concert, theater, and live entertainment applications. Featuring an advanced Beam / Spot / Wash 3-in-1 optical system, CMY + CTO color mixing, and precision zoom from 4°–35°, it delivers exceptional versatility for dynamic lighting designs.

Equipped with multiple gobo wheels, dual rotating prisms, frost effects, and smooth dimming performance, the PL-M-400BSW provides powerful aerial beams, sharp projections, and wide wash coverage in a single fixture. With professional-grade control options and robust construction, it is ideal for touring productions, clubs, broadcast studios, and large-scale installations.

Product Specification

Item	Specification
Product Type	400W LED Moving Head Light
Light Source	400W White LED Lamp
Average LED Lifetime	Approx. 50,000 hours
MTBF	≥20,000 hours
Color System	CMY + CTO
Fixture Type	Beam / Spot / Wash 3-in-1
Color Temperature	8000K
CRI (Ra>)	≥75
CCT Consistency	±100K
Flicker-Free PWM	≥2kHz – 25kHz
DMX Channel Mode	22 CH
Color Wheel	12 colors + white
Static Gobo Wheel	12 gobos + white
Rotating Gobo Wheel	7 gobos + white
Prism	6-facet prism + 8-facet prism
Frost System	Independent frost effect

Feature

- 400W high-output white LED light source
- Beam / Spot / Wash 3-in-1 multifunction fixture
- Advanced CMY + CTO color mixing system
- 12-color wheel + white for vibrant color effects
- 12 static gobos + white
- 7 rotating gobos + white
- Dual prism effects: 6-facet prism + 8-facet prism
- Independent frost effect for smooth wash output
- Motorized zoom range from 4°–35°
- Smooth 0–100% linear dimming
- Slow strobe effect up to 30 flashes/sec
- Flicker-free PWM operation for broadcast applications
- Supports 22-channel DMX mode
- End-to-end fixture capability
- Efficient fan cooling system
- Compact and durable professional housing

Item	Specification
Zoom Angle	4°–35°
Dimmer	0–100% linear adjustment
Strobe	0–30 flashes/sec
Cooling System	Fan cooling
Display	Digital display
IP Rating	IP20
Input Voltage	AC 110–220V, 50/60Hz
Power Consumption	430W
Dimensions (L × W × H)/Weigh	380 × 270 × 650 mm/22.5 kg

