



Features

1. Optical system: Adopts high-temperature resistant and high-transmittance optical glass lens set (3-layer coating), with a $\phi 152\text{mm}$ aperture output lens.
2. Dimming: 0-100% electronic linear dimming with jitter-free smooth dimming technology.
3. Strobe: 0-25 times per second electronic strobe with adjustable speed, built-in random strobe or pulse strobe.
4. Color wheel: 14 colors + 1 white, with adjustable speed and arbitrary positioning function.
5. Seven colors: 1 seven-color lens for multi-color beam effects.
6. Fixed gobo wheel: 13 fixed gobos + 1 white, with adjustable speed and arbitrary positioning function.
7. Focusing: Linear motorized focusing.
8. Prism: 1 octagonal prism + 1 twenty-four-facet honeycomb prism, forward and reverse rotation with adjustable speed.
9. Frost: 1 independent frost filter for soft and diffused lighting effects.
10. Display interface: Features an LCD display with 5 mechanical buttons, supports bilingual Chinese and English operating system, and can be flipped 180° for display.
11. Intelligent cooling: Uses high-efficiency speed-adjustable fans + intelligent temperature control algorithm, dynamically adjusting fan speed based on the internal temperature of the fixture to balance noise and cooling efficiency.
12. Temperature protection: Built-in multiple sensors that intelligently reduce the light source's output power or temporarily shut it down when the temperature exceeds a safe threshold.
13. Pan/Tilt range: Pan 540° (16-bit precision scanning) with electronic error correction, Tilt 270° (16-bit precision scanning) with electronic error correction, precise scanning positioning, signal feedback, and absolute position memory.



Moving Head Light

TL-SM3101

Specification

Input voltage	AC 110-240V, 50/60Hz
Rated power	220W
Power factor	PF≥0.95
Light source	200W LED module (main light) + RGB 3-in-1 LED (auxiliary light)
Average LED lifespan	20000H
Color temperature	8900K
Luminous flux	4800 lm
CRI	Ra≥70
Beam angle	2.5°
Control method	DMX512 protocol, with built-in Master-slave mode, Auto run mode, Manual control mode
Channel mode	Standard mode 18CH
Casing material	High-strength, heat-resistant engineering plastic casing and metal powder coating technology
Power connector	1 power input connector, 1 power output connector
Signal connector	1 DMX512 input connector, 1 DMX512 output connector
Operating temperature	-10°C ~ 45°C
IP rating	Ip20
Product dimensions (L×W×H)	335×242×562mm
Package dimensions (L×W×H)	550×440×420mm (carton)
Package gross weight	16kg
Product net weight	13.5kg