

# KLA-BEAM 600S

## High Power Moving Spot Light

The KLA-BEAM 600S is a high-performance professional lighting fixture designed for stages, auditoriums, studios, and touring applications. Powered by a dual white LED light engine combining pure white and warm white sources, it delivers flexible, high-quality illumination with a CRI up to 95, ensuring natural color reproduction for live and camera-critical environments. With smooth electronic dimming, adjustable high-speed strobe effects, and precise optical control, the fixture supports a wide range of creative lighting looks. Designed for reliability and smooth operation, it features fast, accurate pan and tilt movement and automatic error correction, intelligent thermal management, and multiple control modes, making it a dependable solution for demanding lighting environments.



## Features

- **Dual white LED light engine** – Two-in-one pure white + warm white LED engine delivering flexible, high-quality illumination
- **Long-life light source** – 20,000-hour LED lifespan for low maintenance and long-term reliability
- **High CRI performance** – Accurate color rendering optimized for broadcast and stage
- **Variable color temperature control** – Adjustable 3200K–6800K range for seamless tungsten-to-daylight
- **Wide zoom range (5°–60°)** – Smooth transition from tight beams to wide coverage for versatile stage applications
- **Precision optical focus system** – High-quality glass lens optics with electronic linear focus
- **Intelligent cooling system** – Temperature-controlled cooling with smart power and airflow management
- **Compact, lightweight construction** – Slim form factor designed for easy handling and installation
- **Tour-ready protection and safety** – IP20 rated with vertical locking system for secure transport and long-term reliability

### Electrical

Input Voltage:	AC 100–240V 50/60Hz
Power Consumption:	700W

### Light Source

Light Engine:	300+300W dual LED light engine
Lifespan:	20,000 hours

### Optics

Zoom angle:	5°–60°
Color Rendering Index (CRI):	95Ra

### Control and Programming

Control Modes:	DMX 512, RDM, self-running, master/slave, sound-activated
DMX channels:	11
Setting and Addressing:	Control panel with backlit graphic display

### Dynamic Effects

Color temperature control:	Variable 2700K-7500K
Dimming	0-100% linear dimming
Strobe:	1-20Hz

### Movement

Zoom	Motorized
Pan	540°
Tilt	270°

### Physical

Dimensions:	560 × 324 × 280 mm
Net Weight:	12.8 kg

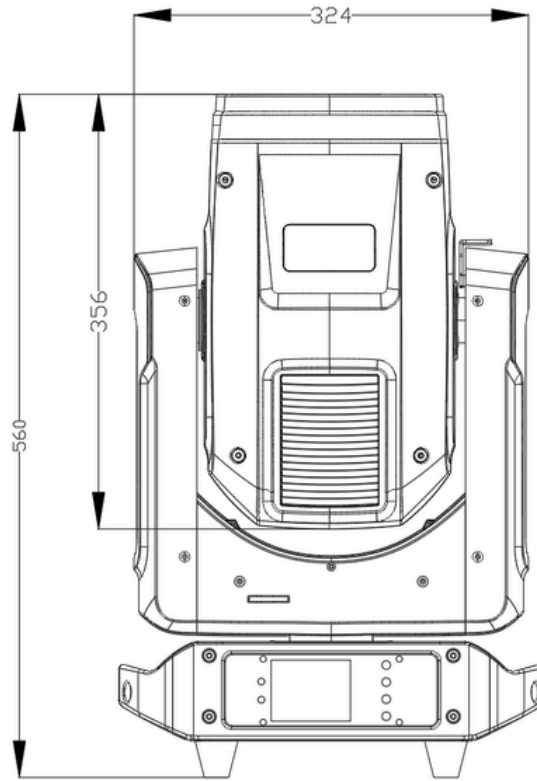
### Connections

AC power input:	Neutrik PowerCon
DMX and RDM data in/out:	3 Pin XLR

### Safety

Protection Rating:	IP20
Minimum ambient temperature	41° F (5° C)
Maximum ambient temperature	104° F (40° C)
Maximum surface temperature	176° F (80° C)

**Dimensions**



*\*Specifications subject to change without notice. 01/2026*