

KLA-BEAM 600P

High Power 4-in 1 BSWP

The KLA-BEAM 600P is a high-output professional lighting fixture engineered for stages, auditoriums, and touring applications. Featuring a powerful 550W LED light engine, it delivers strong, consistent brightness with an adjustable gradient CRI system for optimized color rendering, along with precise beam shaping and creative projection capabilities. The fixture incorporates a linear CMY color mixing system with 2800K–6500K CTO control for smooth, accurate color transitions, supported by advanced optical, gobo, prism, and framing systems. Designed for reliability and performance, it offers fast, precise movement, sharp projections, and flexible control, making it well suited for demanding professional lighting environments.



Features

- **High-output LED engine** – High-brightness performance powered by a 550W LED module
- **Linear CMY color mixing** – Smooth, accurate color blending with rich saturation and consistency
- **Linear CTO (2800K–6500K)** – Seamless daylight-to-tungsten color temperature control
- **High CRI performance** – Gradient CRI adjustment disc enables optimized color rendering for camera and stage applications
- **Framing shutter system** – Four independently controlled shutters for fast, precise beam shaping and full blackout
- **Rotatable framing module** – Cutting system rotatable $\pm 45^\circ$ for flexible orientation
- **Prism system** – 4-facet prisms with bi-directional rotation for enhanced aerial impact
- **Fast, precise movement** – Rapid pan/tilt with adjustable speed and optical auto-calibration
- **Low-noise, high-torque motors** – Quiet operation with fast response for professional environments

Gobo wheel



Color wheel



Electrical

Input Voltage:	AC 100–240V 50/60Hz
Power Consumption:	850W

Light Source

Light Engine:	550W LED light engine
Lifespan:	20,000 hours
Module Color Temperature:	8000K

Optics

Zoom angle:	5°–45°
Aperture:	145mm
Color Rendering Index (CRI):	70Ra

Control and Programming

Control Modes:	DMX 512, RDM, self-running, master/slave, sound-activated
DMX channels:	33
Setting and Addressing:	Control panel with backlit graphic display

Dynamic Effects

Color mixing:	Linear CMY color mixing system
Color temperature control:	CTO, Variable 2700K-7500K
Dimming	0-100% linear dimming
Strobe:	1-20Hz
Color wheel:	1 color wheel with 6 fixed colors + open
Rotating Gobo wheel:	1 wheel with 7 gobos
Fixed Gobo wheel:	1 wheel with 8 gobos + open
Framing System:	4 shutters rotatable up to $\pm 45^\circ$
Iris:	Mechanical linear iris
Prism System:	4-facet prism (bidirectional rotation)
Frost Filters:	1 light frost + 1 medium frost

Movement

Zoom	Motorized
Pan	540°
Tilt	270°

Physical

Dimensions:	730 x 520 x 389 mm
Net Weight:	33.5 kg

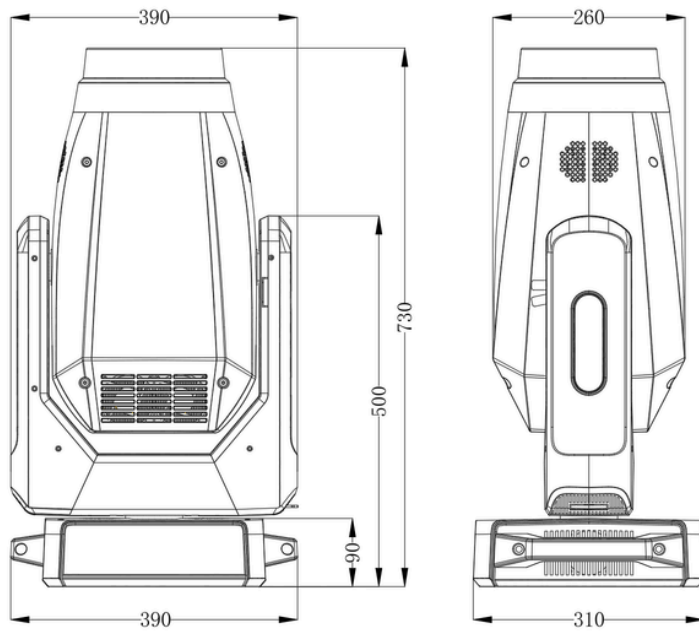
Connections

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

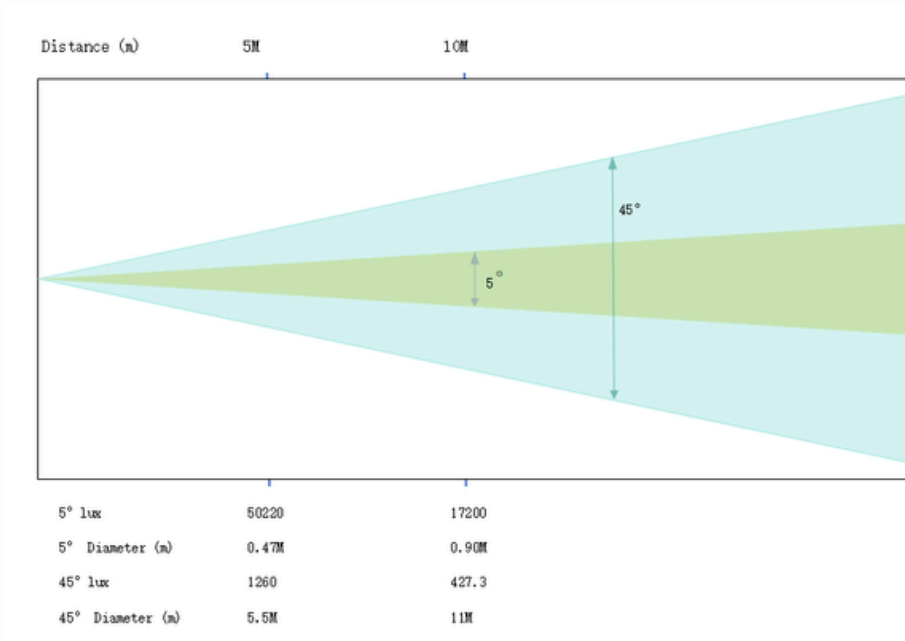
Safety

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



LUX



*Specifications subject to change without notice. 01/2026