

KLA-BEAM 600

High Power 3-in 1 BSW

The KLA-BEAM 600 is a high-performance professional BSW lighting fixture designed for stages, auditoriums, and touring applications. Powered by a 550W high-output LED engine, it delivers intense brightness and long-throw performance with a versatile 3°–45° zoom range, enabling everything from tight aerial beams to broader spot and wash looks. The fixture features an advanced CMY color mixing system with CTO adjustment, complemented by comprehensive gobo and prism effects for creative projection and dynamic mid-air visuals. Engineered for reliability and precision, it offers smooth dimming, fast and accurate pan/tilt movement, and flexible DMX/RDM control, making it a dependable solution for demanding professional lighting environments.



Features

- **High-output LED engine** – Powerful performance driven by a 480W LED light engine
- **Wide zoom range (3°–45°)** – Smooth transition from tight aerial beams to broader spot and wash looks
- **High-intensity output** – Delivers up to 168,000 lux at 5 m, ideal for long-throw and high-impact applications
- **Advanced color system** – Linear CMY color mixing with CTO adjustment, plus a 13-color wheel with white for extended palette control
- **Dual gobo system** – Fixed gobo wheel with 12 gobos plus open and a rotating gobo wheel with 7 independently rotating glass gobos
- **Dual prism effects** – Six-linear prism and 8-facet prism with bi-directional rotation
- **Precision optical focus** – DMX-controlled linear focus for sharp projections across the zoom range

Electrical

Input Voltage:	AC 100–240V 50/60Hz
Power Consumption:	600W

Light Source

Light Engine:	480W LED light engine
Lifespan:	20,000 hours
Module Color Temperature:	8000K

Optics

Zoom angle:	3°–45°
Aperture:	145mm

Control and Programming

Control Modes:	DMX 512, RDM, self-running, master/slave, sound-activated
DMX channels:	22, 26
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:	1-30Hz
Color wheel:	1 color wheel with 13 colors + white
Rotating Gobo wheel:	1 wheel with 7 rotating gobos
Fixed Gobo wheel:	1 wheel with 12 gobos + open
Prism 1:	Six-linear prism (bi-directional rotation)
Prism 2:	8-facet prism (bi-directional rotation)
Frost Filters:	1 light frost + 1 medium frost

Movement

Zoom	Motorized
Pan	540°
Tilt	270°

Physical

Dimensions:	380x274x700mm
Net Weight:	23.5 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

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