

KLA-BEAM 1500P

Ultra-High Power 4-in 1 BSWP

The KLA-BEAM 1500P is a high-output professional lighting fixture engineered for large-scale stages, auditoriums and touring applications. Featuring a powerful 1400W LED light engine, it delivers exceptional brightness with 95 Ra > CRI, precise beam, spot, and wash functionality. The fixture incorporates a linear CMY color mixing system for smooth, accurate color transitions, along with advanced optical and framing controls. Designed for reliability and performance, it offers fast, precise movement, sharp projections, and flexible control, making it ideal for demanding professional lighting environments.



Features

- **31,660 lumens output** – High-brightness performance powered by a 1400W LED engine
- **5°–50° zoom range** – Wide, fast zoom coverage from sharp aerial beams to broad wash looks
- **Linear CMY color mixing** – Smooth, accurate color blending with rich saturation and consistency
- **Linear CTO (2700K–6500K)** – Seamless daylight-to-tungsten color temperature control
- **High CRI performance** – CRI modes up to CRI 95 Ra ensure accurate color reproduction, ideal for broadcast, theatre, and camera-critical applications
- **Framing shutter system** – Four independently controlled shutters for fast, precise beam shaping and full blackout
- **Rotatable framing module** – Cutting system rotatable up to 120° for flexible orientation
- **Dual prism system** – 4-facet and 6-facet prisms with bi-directional rotation for 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:	2000W

Light Source

Light Engine:	1400W LED light engine
Lifespan:	20,000 hours
Module Color Temperature:	7500K

Optics

Zoom angle:	5°–50°
Aperture:	200 mm
Output	31,660 lm
Color Rendering Index (CRI):	CRI 1: 74Ra, CRI 2: 95Ra

Control and Programming

Control Modes:	DMX 512, RDM, self-running, master/slave, sound-activated
DMX channels:	38
Setting and Addressing:	Control panel with backlit graphic display

Dynamic Effects

Color mixing:	Linear CMY color mixing system
Color temperature control:	CTO, Variable 2700K–6500K
Dimming	0-100% linear dimming
Strobe:	1-25Hz
Color wheel:	1 color wheel with 5 fixed colors
Rotating Gobo wheels:	2
Rotating Gobo Wheel 1:	6 gobos + open
Rotating Gobo Wheel 2:	6 gobos + open
Framing System:	4 shutters rotatable up to 120°
Iris:	Mechanical linear iris
Prism System:	2
Prism 1:	4-facet prism (bidirectional rotation)
Prism 2:	4-facet prism (bidirectional rotation)
Frost Filters:	1 light frost + 1 medium frost

Movement

Zoom	Motorized
Pan	540°
Tilt	270°

Physical

Dimensions:	832 × 451 × 333 mm
Net Weight:	42 kg

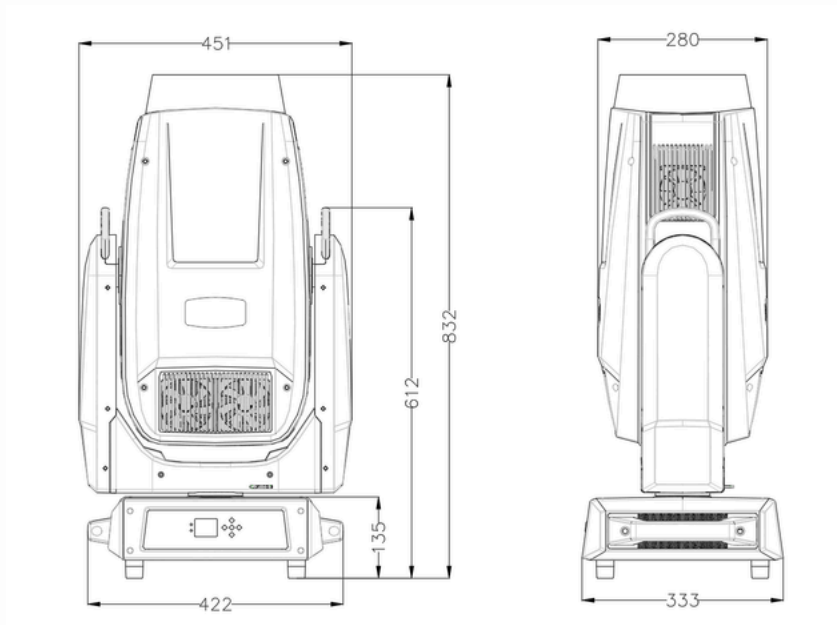
Connections

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*