GEIST BSWF

XA-500 BSWF



Light Source

450W white LED engine

Diameter of Frontal Lens

120 mm

Zoom Range

6.5°-54°



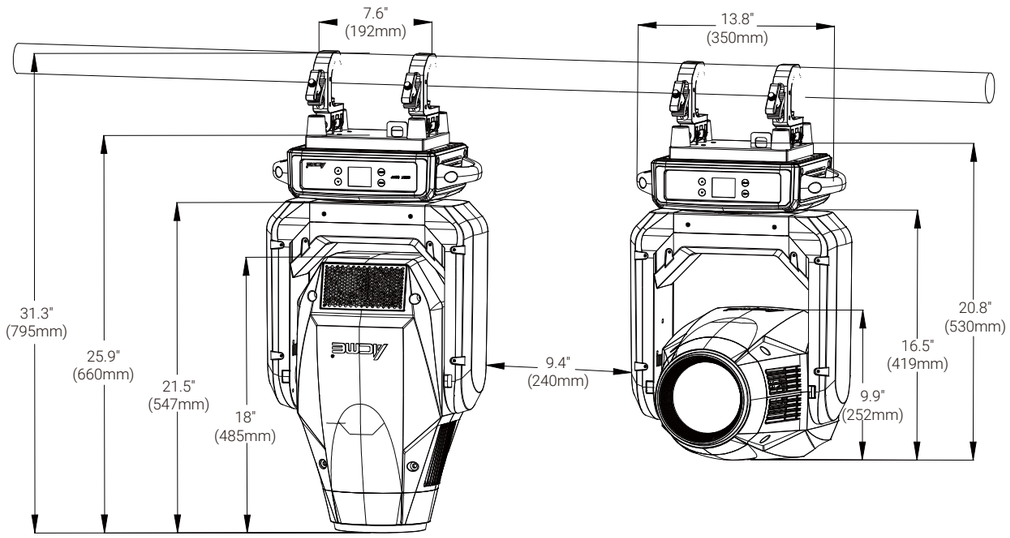
Main Features

450W white LED engine
Diameter of Frontal Lens: 120 mm
Beam Angle: 6.5°-54°
Total Lumen Output of Fixture:
Standard Mode : 20,000 lumens
Quiet Mode: 11,300 lumens
CCT: 7,000K
Switch to high CRI mode with high CRI filter
Motorized focus
Linear CMY color mixing
Variable CTO: 2,700K-7,000K

1 Combinable Rotating and Indexable Prism:
1 x 4-facet circular prism, rotatable in both directions
1 combinable light frost filter and 1combinable medium frost filter
Motorized linear iris
4 rotating full blackout framing shutter blades with individually controllable; Rotation of the framing system module: ±45°

1 Static Gobo Wheel, 1 Rotating Gobo Wheel, 1 Color Wheel
1 Static Gobo Wheel: 8 gobos, plus open
1 Rotating Gobo Wheel: 7 gobos, plus open
1 Color Wheel: 5 colors, plus opene

Technical Specifications



Light Source

· Light Source: 450W white LED engine
· Light Source Rated Life: 20,000 hours*

*Source manufacturer specification

Photometric Data

· Total Lumen Output of Fixture :
Standard Mode : 20,000 lumens
Quiet Mode: 11,300 lumens
· CCT: 7,000K
· Standard Mode: Ra>70
· HCRI Mode: Ra>90

Optical System

· Beam Angle: 6.5°-54°
· Diameter of Frontal Lens: 120 mm

Prism / Frost Filter



4-Facet Circular Prism | Light Frost Filter | Medium Frost Filter

Colors

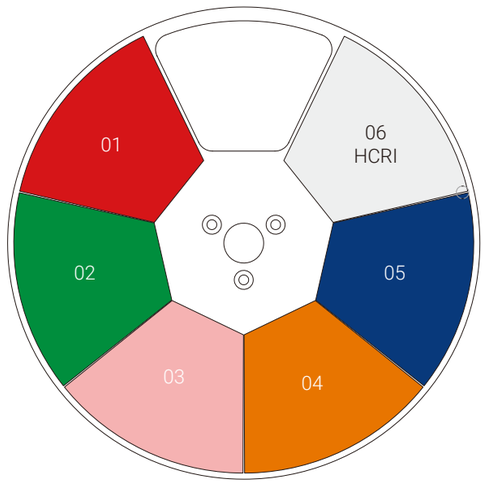
· Linear CMY color mixing



· Variable CTO: 2,700K-7,000K



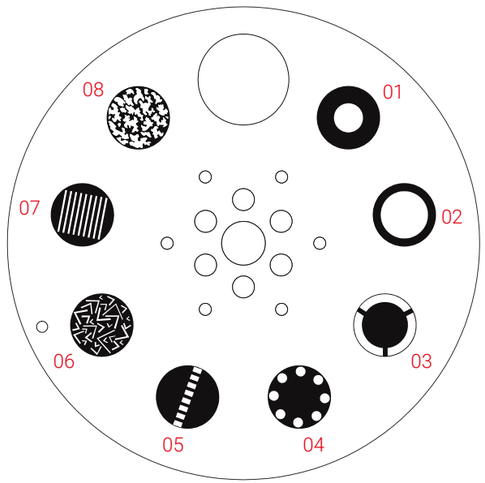
· 1 Color Wheel: 5 colors, plus open



Color Wheel

Static Gobos

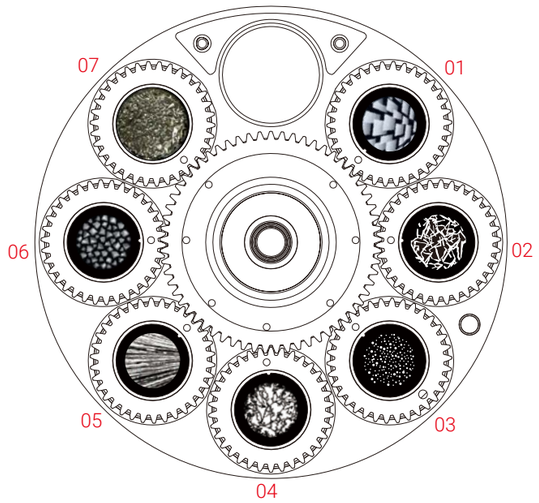
· 1 Static Gobo Wheel: 8 gobos, plus open



Static Gobo Wheel

Rotating Gobos

· 1 Rotating & Interchangable Gobo Wheel: 7 gobos, plus open
· Adjustable-speed rotating gobo in both directions
Gobo Diameter: 22.5 mm
Image Diameter: 17 mm



Rotating Gobo Wheel

Framing System

· Shutter Blades: 4 blades, each with separate movement and full blackout
· Rotation: ±45° of the complete framing system

Other Effects

· Motorized linear iris
· Smooth dimming 0-100%
· Outstanding strobe effect with variable speed



Framing Module



Linear Lris

Pan & Tilt

· Pan movement: 540°
· Tilt movement: 270°
· Automatic Pan/Tilt position correction
· Moving-head operated with 16 bit resolution
· Pan/Tilt lock

Control

· 4 touch button control panel
· Display: LCD display
· Protocols: DMX512, RDM, Art-Net, sACN
· DMX Protocol modes: 3
· Control channels: 25/29/34/35
· Firmware Upgrade: Upgrade via DMX link or USB disk

Electrical and Connectors

· Input voltage range: 100-240Vac; 50/60Hz
· Power consumption: 670W
· Power In/Out: Power Connector in/out
· Data In/Out: 3-pin or 5-pin XLR, RJ45 connector

Physical Information

· Fixture Dimensions:
52 x 364 x 692 mm (9.9" x 14.3" x 27.2")
Weight: 26.5 kg (58.5 lbs)

Packing Information

· Flight Case Dimensions:
890 x 780 x 575 mm (35.0" x 30.7" x 22.6")
Weight: 95.5 kg (210.5 lbs)(two-pack loader case)

Work Environment

· Maximum Ambient Temperature: 45°C
· Minimum Operating Temperature: 0°C
· Maximum Surface Temperature: 65°C
· Protection Rating: IP20

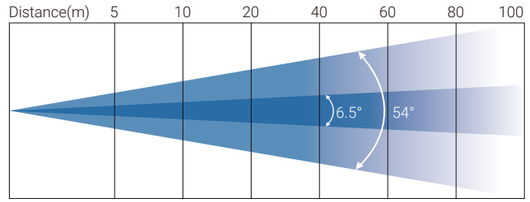
Acoustic Data

· Noise Level:
Standard Mode : 42 dB(A) @ 1 m
Quiet Mode : 37 dB(A) @ 1 m

Installation

· Horizontal or vertical mounting
· 2 pairs of 1/4-turn locking points under the base
· 2 Omega brackets (accepts most hooks or clamps)
· Safety cable attachment point

Photometric (Images)



6.5° Lux	48,300	12,200	3,018	755	335	189	121
Diameter(m)	0.6	1.2	2.4	4.8	7.2	9.6	12
54° Lux	1,680	671	105	26	12	7	4
Diameter(m)	5.1	10.2	20.4	40.8	61.2	81.6	102

Specifications subject to change without notice.
11/09/2026