SUPERNOVA

XA 2000 BSWF IP



Light Source
1,800W LED

Diameter of Front Lens
225 mm

Zoom Range
4°-48°

Protection Rating
IP66



Main Features

1,800W LED engine

Diameter of Front Lens: 225 mm
Zoom Range: 4°-48°
Total Lumen Output of Fixture:
Standard Mode : 65,000 lumens
Quiet Mode: 43,500 lumens
Theatre Mode: 31,700 lumens
CCT: 6,700K
Linear CMY color mixing
Variable CTO ranging from 2,700K-6,700K
IP rated
Motorized linear iris
4 Rotating full blackout framing shutter blades with individual positionable; Rotation of the framing system module: ±60°

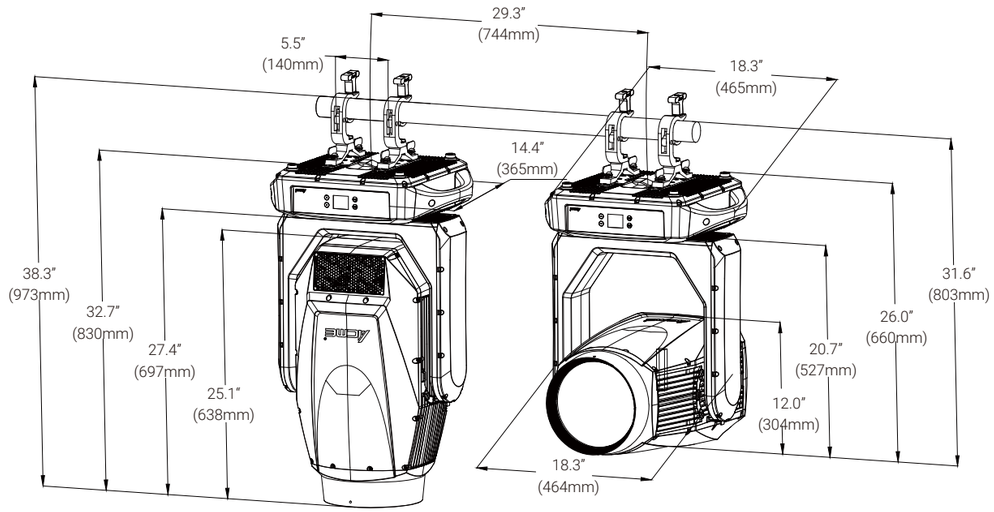
2 Color Wheels, 2 Rotating Gobo Wheels

Color Wheels 1: 5 colors, plus open
Color Wheels 2: 4 colors, plus open
Rotating Gobo Wheels 1: 6 gobos, plus open
Rotating Gobo Wheels 2: 6 gobos, plus open

1 x 4-facet circular prism, 1 x 4-facet linear prism, rotatable in both directions

Animation Wheel:
A graphic animation wheel with continuous rotation in both directions, used alone or in combination with gobos to create the splendid water wave effect, and can be changed into other wheels
1° diffusion and 5° diffusion

Technical Specifications



Light Source

· Light Source: 1,800W LED engine

· Life Expectancy: 20,000 hours*

*Source manufacturer specification

Photometric Data

· Total Lumen Output of Fixture :

Standard Mode : 65,000 lumens

Quiet Mode: 43,500 lumens

Theatre Mode: 31,700 lumens

· CCT: 6,700K

· Standard Mode: Ra≥72

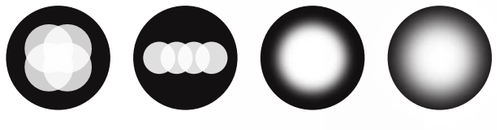
· HCRI Mode: Ra≥90

Optical System

· Zoom Range: 4°-48°

· Diameter of Front Lens: 225 mm

Prism / Frost Filter



4-Facet Circular Prism 4-Facet Linear Prism 1° Diffusion 5° Diffusion

Framing System

· Shutter Blades: 4 blades, each with separate movement and full blackout

· Rotation: ±60° of the complete framing system

Animation Wheel

· A graphic animation wheel with continuous rotation in both directions, used alone or in combination with gobos to create the splendid water wave effect, and can be changed into other wheels

Other Effects

· Outstanding strobe effect with variable speed

· Motorized linear iris



Framing Module Animation Wheel Linear Lris

Colors

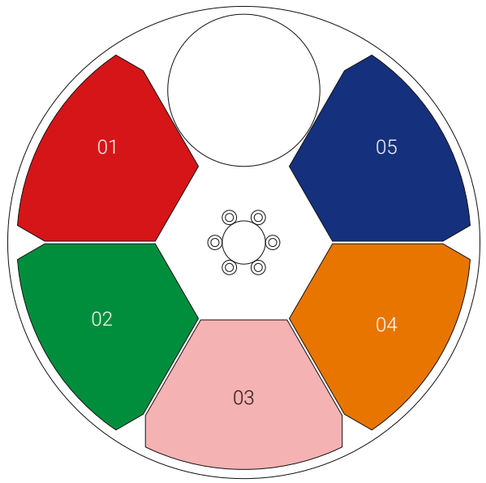
· Smooth CMY color mixing



· Linear CTO Color Correction: 2,700K-6,700K

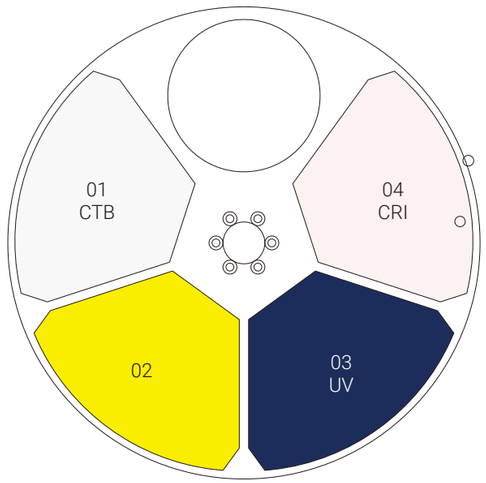
· 2 Color Wheels:

Color Wheel 1: 5 colors, plus open;



Color Wheel 1

Color Wheel 2: 4 colors, plus open



Color Wheel 2

Rotating Gobos

· 2 Rotating Gobo Wheels:

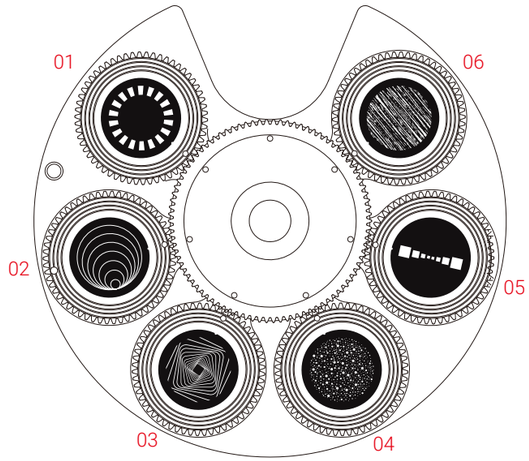
Rotating Gobo Wheel 1: 6 gobos, plus open

Rotating Gobo Wheel 2: 6 gobos, plus open

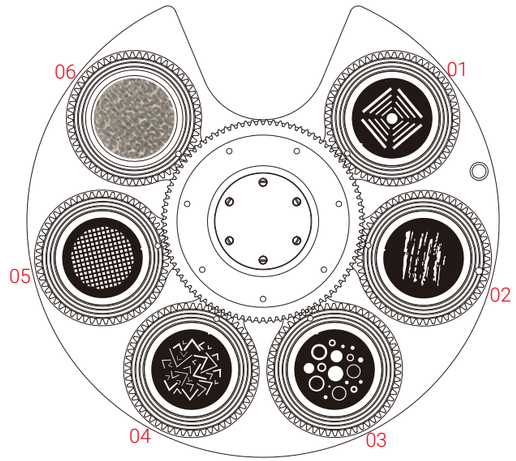
Gobo Diameter 1: 34 mm, Image Diameter 1: 26.5 mm

Gobo Diameter 2: 34 mm, Image Diameter 2: 27.5 mm

Gobo Thickness: 1.1 mm



Rotating Gobo Wheel 1



Rotating Gobo Wheel 2

Pan & Tilt

· Pan Movement: 540°

· Tilt Movement: 270°

· Automatic Pan/Tilt position correction

· Moving-head operated with either 16 bit resolution

· Fixation: Pan/ Tilt lock

Control

· 4 touch button control panel

· Display: LCD display

· Protocols: DMX512, RDM, Art-Net, sACN

· DMX Protocol Modes: 4

· Control Channels: 23/32/34/43

· Firmware Upgrade: Upgrade via DMX link or USB disk

Electrical and Connectors

· Input Voltage Range: 180-240Vac; 50/60Hz

· Power Consumption: 2,265W

· Power In/Out: Waterproof power connector in

· Data In/Out: 3-pin or 5-pin waterproof XLR, RJ45

Physical Information

· Fixture Dimensions:

465 x 365 x 830 mm (18.3" x 14.4" x 32.6")

Weight: 52.5 kg (115.7 lbs)

Packing Information

· Flight Case Dimensions:

812 x 610 x 910 mm (32.0" x 24.0" x 35.8")

Weight:

Standard:

G.W.: 107 kg (235.9 lbs) (one-pack loader case)

North American Standard:

G.W.: 113.3 kg (249.8 lbs) (one-pack loader case)

· Carton Dimensions:

780 x 575 x 805 mm (30.7" x 22.6" x 31.7")

Weight: 65.0 kg (143.3 lbs) (one-pack loader carton)

Work Environment

· Maximum Ambient Temperature: 40°C

· Minimum Operating Temperature: -10°C

· Maximum Surface Temperature: 70°C

· Protection Rating: IP66

Acoustic Data

· Noise Level:

Standard Mode : 58 dB(A) @ 1 m

Quiet Mode : 48 dB(A) @ 1 m

Theatre Mode : 47 dB(A) @ 1 m

Installation

· Horizontally or vertically mounting

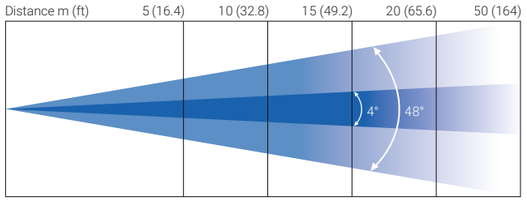
· Universal working position

· 2 omega brackets

· Safety cable attachment point

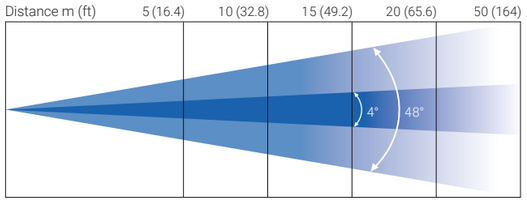
Photometric (Images)

Standard Mode



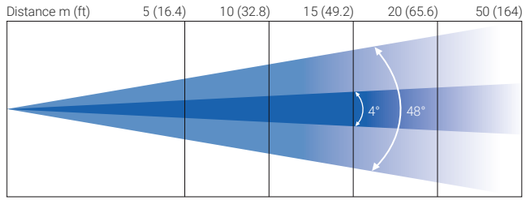
4° Lux	158,000	39,500	17,555	9,875	1,580
Diameter m (ft)	0.4 (1.3)	0.7 (2.3)	1 (3.3)	1.4 (4.6)	3.5 (11.5)
48° Lux	6,640	1,660	737	415	66
Diameter m (ft)	4.5 (14.8)	8.9 (29.2)	13.3 (43.6)	17.8 (58.4)	44.5 (146)

Quiet Mode



4°Lux	116,400	29,100	12,933	7,275	1,164
Diameter m (ft)	0.3 (1)	0.7 (2.3)	1(3.3)	1.4 (4.6)	3.5 (11.5)
48°Lux	5,040	1,260	560	315	50
Diameter m (ft)	4.5 (14.8)	8.9 (29.2)	13.4(44)	17.8 (58.4)	44.5 (146)

Theatre Mode



4°Lux	85,600	21,400	9,511	5,350	856
Diameter m (ft)	0.3(1)	0.7(2.3)	1(3.3)	1.4 (4.6)	3.5(11.5)
48°Lux	3,452	863	384	216	35
Diameter m (ft)	4.5(14.8)	8.9(29.2)	13.4(44)	17.8 (58.4)	44.5(146)

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

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