

# SUPERNOVA

XA 2000 BSWF IP



Light Source

**1,800W LED**

Diameter of Front Lens

**225 mm**

Total Lumen Output of Fixture

**65,000 lm**

Zoom Range

**4°-48°**

Protection Rating

**IP66**

Acme

SUPERNOVA



## Main Features

### 1,800W LED engine

Diameter of Front Lens: 225 mm

Zoom Range: 4°-48°

Total Lumen Output of Fixture: 65,000 lm

Color Temperature Output of Fixture: 6,700K

### Standard Mode: Ra $\geq$ 72, HCRI Mode: Ra $\geq$ 90

Linear CMY color mixing

Variable CTO ranging from 2,700K-6,700K

### 2 Color Wheels, 2 Rotating Gobo Wheels

Color Wheels 1: 4 colors, plus open;

Color Wheels 2: 5 colors, plus open

Rotating Gobo Wheels 1: 6 gobos, plus open;

Rotating Gobo Wheels 2: 6 gobos, plus open

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

Animation Wheel:

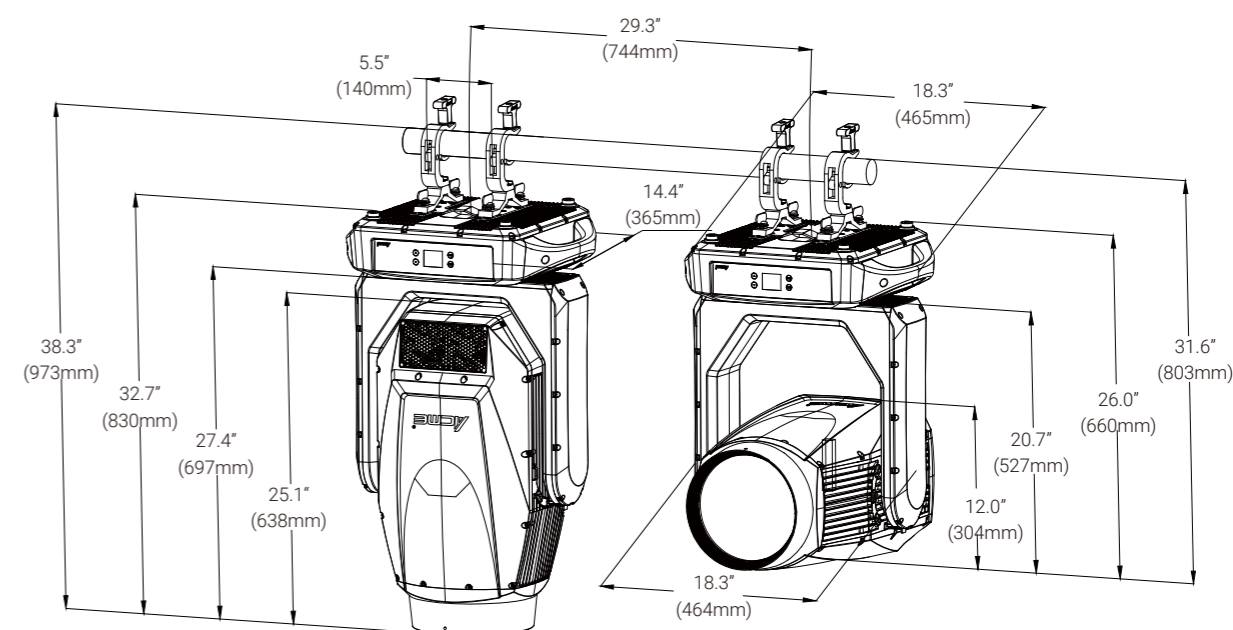
A graphic animation wheel with continuous rotation in both directions, used alone or in combination with gobos to create the splendid water wave & flame effect, and can be changed into other wheels

1 combinable light frost filter and 1 combinable medium frost filter

Motorized linear iris

4 Rotating full blackout framing shutter blades with individual positionable; Rotation of the framing system module:  $\pm 60^\circ$

## Technical Specifications



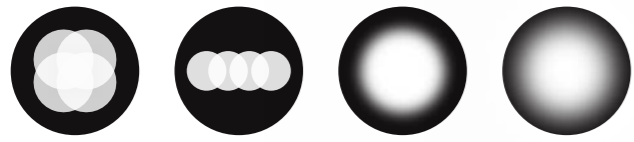
**Light Source**

- Light Source: 1,800W LED engine
- Color Temperature Output of Fixture: 6,700K
- Total Lumen Output of Fixture: 65,000 lm
- Life Expectancy: 20,000 hours\* manufacturer specification

**Optical System**

- Zoom Range: 4°-48°
- Diameter of Front Lens: 225 mm
- Standard Mode: Ra≥72, HCRI Mode: Ra≥90

**Prism / Frost Filter**



4-Facet Prism   4-Facet Linear Prism   Light Frost Filter   Medium Frost Filter

**Colors**

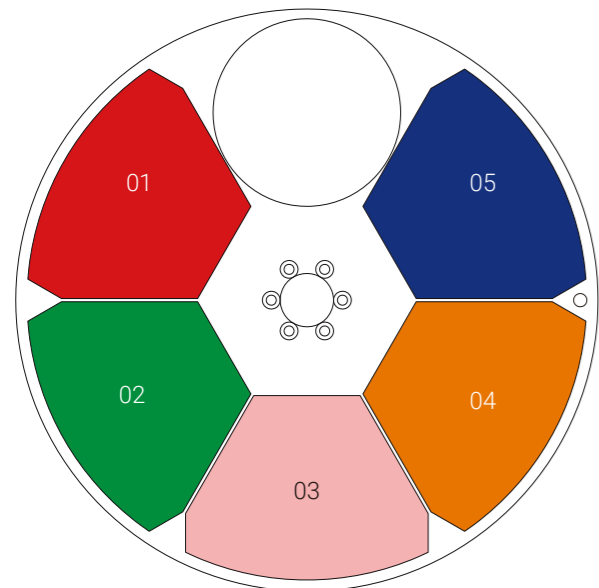
- Smooth CMY color mixing



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

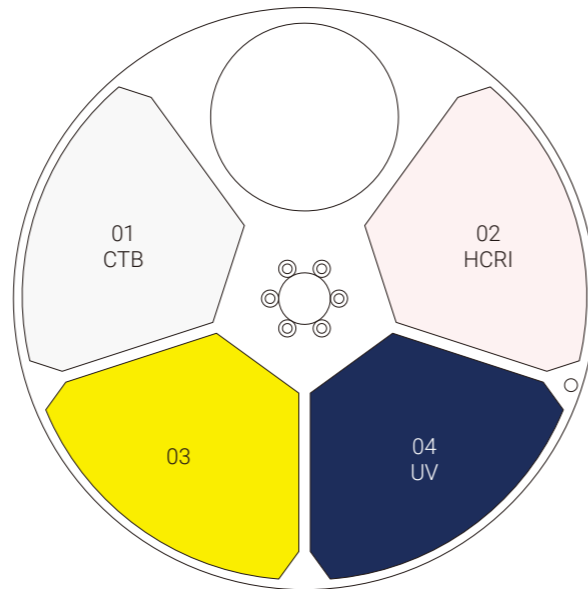


- 2 Color Wheels:  
Color Wheel 1: 4 colors, plus open;



Color Wheel 1

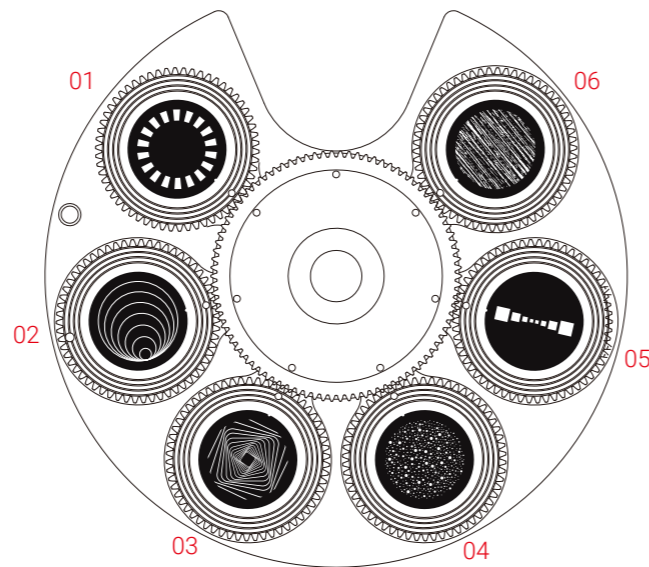
- Color Wheel 2: 5 colors, plus open



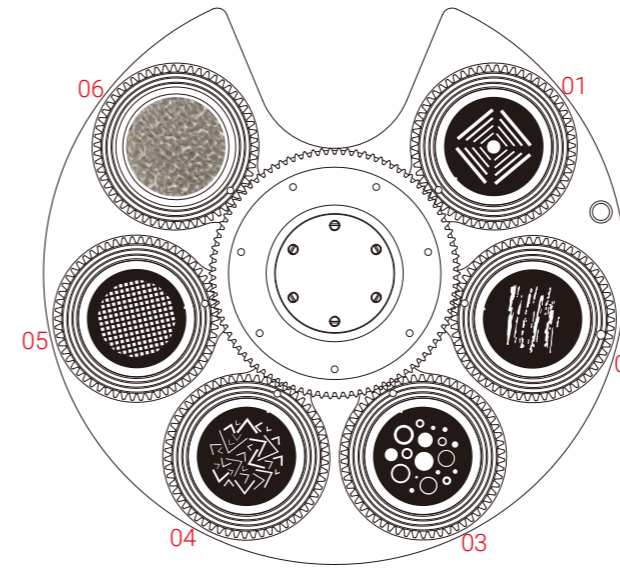
Color Wheel 2

**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

**Framing System**

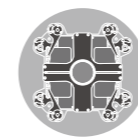
- Shutter Blades: 4 blades, each with separate movement and full blackout
- Rotation: ±60° of the complete framing system

**Animation Wheel**

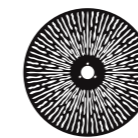
- A graphic animation wheel with continuous rotation in both directions, used alone or in combination with gobos to create the splendid water wave & flame effect, and can be changed into other wheels

**Other Effects**

- Outstanding strobe effect with variable speed
- Motorized linear iris



Framing Module



Animation Wheel



Linear Iris

**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-Button touch 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/out
- Data In/Out: 3-pin or 5-pin waterproof XLR, RJ45

**Fixture Specifications**

- Fixture Dimensions:  
465 x 365 x 830 mm (18.3" x 14.4" x 32.6")  
Weight: 52.5 kg (115.7 lbs)
- 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

**Installation**

- Horizontally or vertically mounting
- Universal working position
- 2 omega brackets
- Safety cable attachment point

**Photometric (Images)**

Distance(m)	5	10	15	20	50
4° Lux	158,000	39,500	17,555	9,875	1,580
Diameter(m)	0.4	0.7	1.0	1.4	3.5
48° Lux	6,640	1,660	737	415	66.4
Diameter(m)	4.5	8.9	13.3	17.8	44.5



Specifications subject to change without notice.