

# BSW450-3i

Waterproof Moving Head  
Beam Light (450W, 3-in-1)

# VAL lighting

Technologie Die Verbindet



## OVERVIEW

The VAL Lighting BSW450-3i is a versatile 3-in-1 450W moving head beam light, combining beam, spot, and wash functions in a single fixture. Equipped with a USHIO NSL450A light source delivering 7700K color temperature and precision optics, it produces brilliant, sharp effects with smooth focus control. Designed with advanced color mixing, dynamic gobo projections, high-speed strobe, and a rotating prism, the BSW450-3i is a powerful tool for lighting designers. With intuitive LCD touchscreen control, multiple DMX modes, and rugged construction, it is ideal for concerts, theaters, nightclubs, and large-scale events requiring flexibility and reliability.

## KEY FEATURES

- 450W USHIO NSL450A light source with 7700K color temperature and 4000h lifespan.
- **3-in-1 functionality** – beam, spot, and wash effects in a single fixture.
- High brightness & precision optics with ultra-smooth electronic focus.
- **Dynamic colors** – 12 colors + 7 colors + white with half-color, rainbow & bi-directional effects.
- **Creative gobos** – 14 gobos + white with flowing and jitter effects.
- **Rotating prism** – 8-facet prism with variable speed, clockwise & counterclockwise rotation.
- **High-speed strobe** – dual-panel strobe, 0.3–13 flashes/sec.
- **Precision movement** – 540° pan & 270° tilt, 8/16-bit resolution.
- **User-friendly control** – LCD touchscreen + knob, DMX512 & master-slave modes.
- **Durable design** – alloy + corrosion-resistant engineering plastic housing.



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## SPECIFICATIONS

Model	VAL Lighting BSW450-3i
Power & Source	Power Supply: AC100–240V, 50/60Hz Power Consumption: 650W Light Source: USHIO NSL450A 450W Color Temperature: 7700K Lamp Life: 4000h
Control	DMX Channels: 16/21 Modes: DMX512, Master-Slave Display: LCD touchscreen + knob, EN/CN language, 180° flip
Optical System	Beam Angle: Narrow beam (3-in-1 design) Focus: Electronic focus, smooth adjustment
Color System	Color Wheel: 12 colors + 7 colors + white Effects: Half-color, rainbow, bi-directional flow, color conversion
Gobo System	Gobo Wheel: 14 gobos + white Effects: Flowing & jitter
Prism System	8-facet prism Rotation: Clockwise & counterclockwise with speed control
Effects	Strobe: Dual-panel strobe, 0.3–13 flashes/sec
Movement	Pan: 540° (8/16-bit) Tilt: 270° (8/16-bit)
Construction	Housing: Alloy + corrosion-resistant engineering plastic Cooling: Efficient airflow design
Protection	IP Rating: IP20 Working Temperature: –20°C ~ +45°C
Dimensions & Weight	Size: 38.3 × 42.3 × 62.7 cm Net Weight: 24.1 kg

