

BSW700-3i

Beam Spot Wash
700W 3 in 1
Moving Head Light

VAL lighting

Technologie Die Verbindet



OVERVIEW

The VAL Lighting BSW700-3i is a powerful 700W hybrid moving head designed to deliver exceptional beam, spot, and wash effects in a single fixture. Equipped with a long-life light engine (20,000h) and advanced CMY color mixing, it offers stunning visual performance for concerts, theatres, large venues, and touring applications. With motorized zoom (Beam 5°, Spot 5–50°, Wash 8–50°), advanced pattern wheels, smooth dimming, and high-precision movement, the BSW700-3i provides lighting designers with unmatched flexibility. Built-in RDM support, software upgrade via DMX, and intelligent protection systems ensure reliability and ease of use, even in demanding professional environments.

KEY FEATURES

- High-output 700W light engine with 20,000h lifetime and 8500K color temperature.
- **3-in-1 versatility** – Beam (5°), Spot (5–50°), and Wash (8–50°).
- Advanced CMY color mixing with linear CTO correction (3500K–6600K).
- **Dual gobo system** – 1 rotating gobo wheel (7 interchangeable patterns) + 1 fixed gobo wheel (9 patterns).
- **Independent prism system** – 4 prisms with bidirectional variable speed rotation.
- **Atomization filter** – 0–100% linear frost for smooth wash effect.
- **Shutter & strobe** – 0–100% dimming, smooth mechanical aperture, high-speed strobe.
- **Precision movement** – Pan: 540° (16-bit), Tilt: 270° (16-bit) with automatic error correction.
- **Smart control** – DMX512, RDM, master/slave, auto & sound modes.
- Built-in RDM support, software upgrade via DMX, and intelligent protection systems ensure reliability and ease of use.
- **User-friendly operation** – LCD display with gravity sensor, EN/CN interface, and password protection.
- **Intelligent design** – Remote lamp on/off, temperature protection, low-noise intelligent fan control.
- **Durable build** – ABS + flame-retardant housing, IP20 rated.

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SPECIFICATIONS

Model	VAL Lighting BSW700-3i
Power & Source	Input Power: AC100–240V, 50/60Hz
Power Consumption	900W
Light Source	700W front module
Color Temperature	8500K
Lifetime	≥20,000h
Control: Modes	DMX512, RDM, Master/Slave, Auto, Sound
Channels	34 DMX
Software	Upgradable via DMX
Display	LCD with external buttons, EN/CN language, auto flip
Optical System	Beam: 5°
Spot	5–50°
Wash	8–50°
Focus	Intelligent auto-focus
Color System	CMY infinite color mixing
CTO correction	3500K–6600K
Color Wheel	6 colors + white, rainbow effect
Gobo System	Rotating Gobo Wheel: 7 interchangeable gobos, bidirectional rotation
Fixed Gobo Wheel	9 gobos + white
Prism & Frost	4 prisms, variable speed, bidirectional
Frost	0–100% linear soft frost
Effects	Shutter/Strobe: 0.3–13 flashes/sec
Dimming	0–100% linear
Movement	Pan: 540° (16-bit)
Tilt	270° (16-bit) Auto error correction
Construction	Housing: ABS + flame retardant
Cooling	Intelligent fan with auto speed control
Protection	IP Rating: IP20
Working Temperature	–20°C ~ +45°C
Signal Protection	Isolated input
Dimensions	345 × 485 × 787 mm
Net Weight	(to be confirmed)