

BSWF HP1400

User Manual



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TECHNICAL PARAMETERS

Light source

Input Voltage: AC 100V–240V, 50/60 Hz

Rated Power: 1300 W

Light Source: 1200W LED Module

Color Temperature: 7300K

Light Source Lifetime: >20,000 hours

Optical

Color Rendering Index (CRI): Standard Mode Ra > 70 / High CRI Mode Ra > 90 (Switchable)

Zoom Angle: 5°–50° Linear High-Speed Zoom;

Output Lens Diameter: 138mm

Illuminance: 28,500 Lux @ 10 meters

Controls

Control Channels: 39 CH

Control Protocol: DMX512 / RDM

Display: 2.8-inch Touchscreen; Dual-language (Chinese/English) Operating System; 180°

Display Inversion

Energy-Saving Sleep Mode: Automatically enters sleep mode upon signal disconnection for enhanced safety and energy efficiency

Software Upgrade: Software updates can be performed via the DMX signal cable

Effect

Interchangeable CMY Seamless Color Mixing

and Interchangeable Linear CTO Color Temperature Correction (7000–2600K)

1 Independent Color Wheel with 4 Colors; features Step and Linear Color-Changing Modes, plus Adjustable-Speed Rainbow/Flow Effects

Framing System

4 Independently Controllable Framing Shutters, capable of generating geometric shapes of various sizes and forms; the entire system is rotatable by 90°

Rotating Gobo Wheel: 7 Interchangeable Glass Gobos; each gobo is independently rotatable in both forward and reverse directions

Gobo Dimensions: Outer Diameter 30mm ± 0.2mm, Inner Diameter 16mm, Thickness 1.1mm

Fixed Gobo Wheel: 6 Metal Gobos + Open White; features Variable-Speed Gobo Shake effect

Dynamic Effects Wheel: Features stunning simulated dynamic effects, such as flickering flames and flowing water.

Prism System: 1 x 3-facet prism, capable of independent bi-directional rotation.

Dimming System: 0–100% linear adjustment.

Strobe System: Electronic strobe effects with variable speeds.

Frost System: 1 x independent frost filter; 0–100% linear frost adjustment producing a soft, natural beam.

Motorized Iris: 5–100% rapid linear adjustment.

Construction

540° horizontal rotation and 270° vertical rotation, featuring automatic repositioning and 16-bit precision fine-tuning.

Horizontal and vertical positioning utilize a magnetic encoder system.

Cooling System: High-efficiency copper-pipe cooling system featuring a smart variable-speed fan and built-in temperature sensors for automatic thermal regulation

Signal Interface: 3-pin + 5-pin XLR Signal Input/Output

Product Appearance: Flame-retardant nylon, high-temperature resistant; features an integrated folding hanging hook.

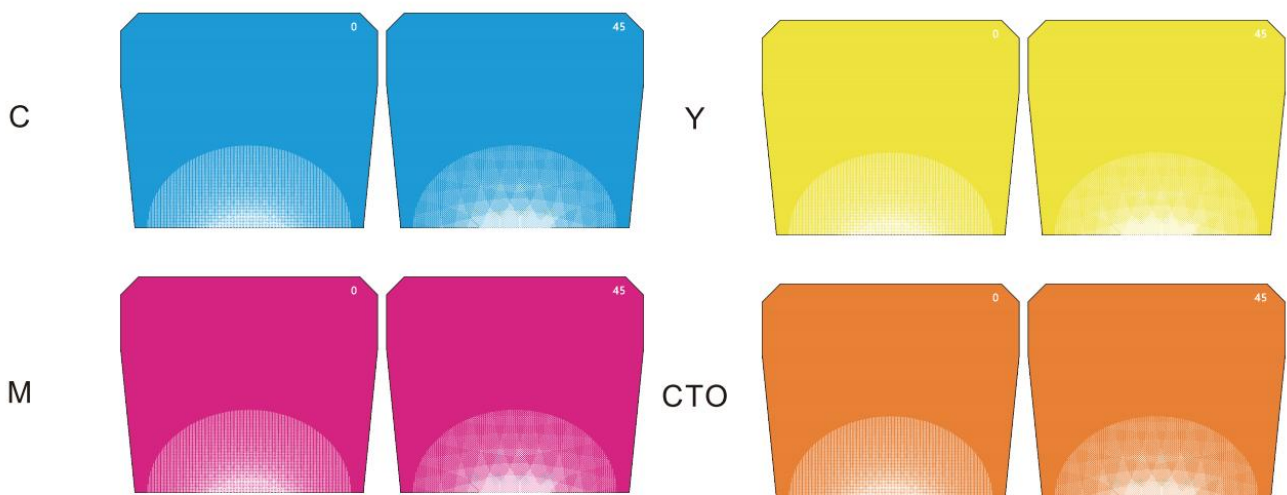
Operating Environment: -20°C to 40°C

Protection Rating: IP20

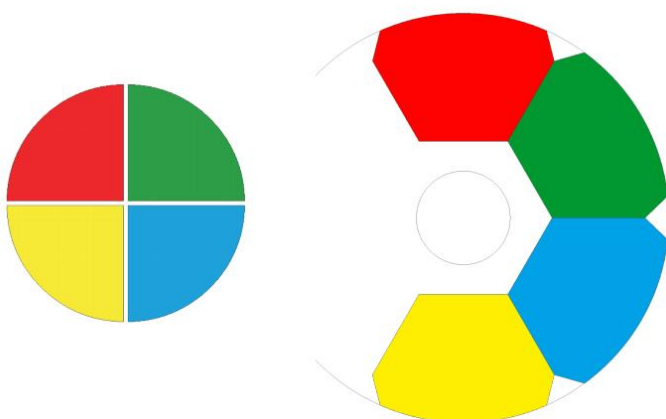
Weight&Dimension

Net Weight: 38 kg

CMY+CTO



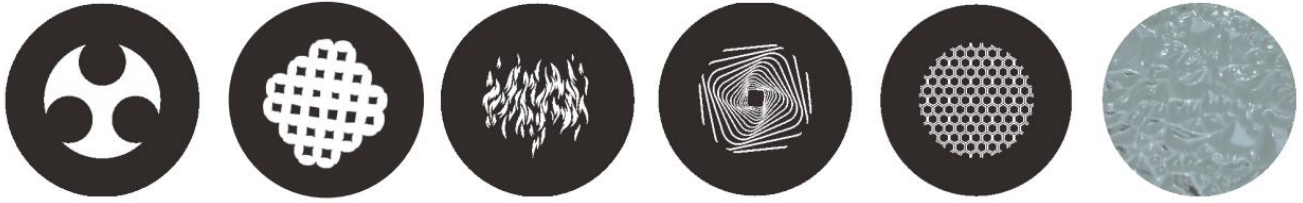
Color Pattern



Fixed Pattern



Rotating Pattern



REMARK

The product has perfect performance and integrity packing.

All users should be strictly comply with the warning and operating instructions as stated.

Or we aren 't in charge of any result by misusing.

Any damage resulting by misuse is not within the Company 's warranty.

Any fault or problem caused by neglecting the manual is also not in the charge of dealers.

Errors and omissions for every information given in this manual excepted.

All information is subject to change without prior notice.