SUPER BEE BSW

- Real Alternative to 700/800W HID Fixtures
- Consistent Photometric Performance Via Latest LED technology
- Full Feature Set Including CMY Color Mixing

SUPER BEE BSW would combines brightness of exceptionally clear zero-fringing white beam together with **continuous color transitions of CMY mixing.**

The **11.000 Lumen** white LED engine (with **Osram lamp** chip), gives an extra punchy beam and an incredible 20.000 hours of operation.

Smooth color transition and fixed vivid and radiant colors can be applied from unique system of three color wheels, and rotating or static gobos added for projections or mid-air effects.

The **smooth zoom can go out to 55°** at its widest and be softened it up with variable frost to create a gentle wash-like output or dynamic background projections.

The **minimum 5° zoom** produces a piercing beam that can be trimmed with ultra-fast stepless iris for really punchy output.

Elegant and lightweight, packed with smart effects that are easy to use.

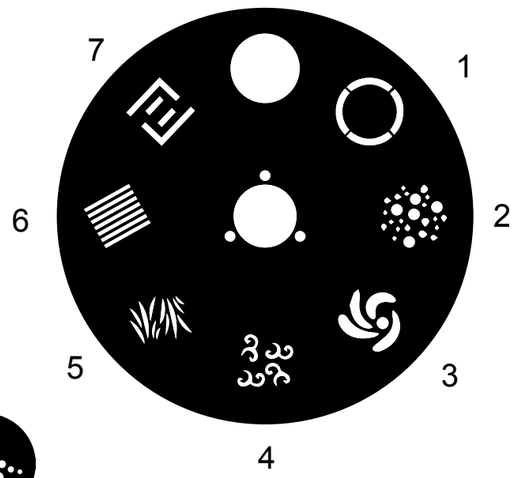
SUPER BEE BSW is a luminaire delivering a full designers toolkit in a single fixture with it's smooth rotating gobo, the 3 facet circular prism and 3 facet linear prism, superposition design, the noise level and temperature control etc.

Static Gobo Wheel

7 metal gobos
Gobo wheel continuous rotation

Rotating Gobo Wheel

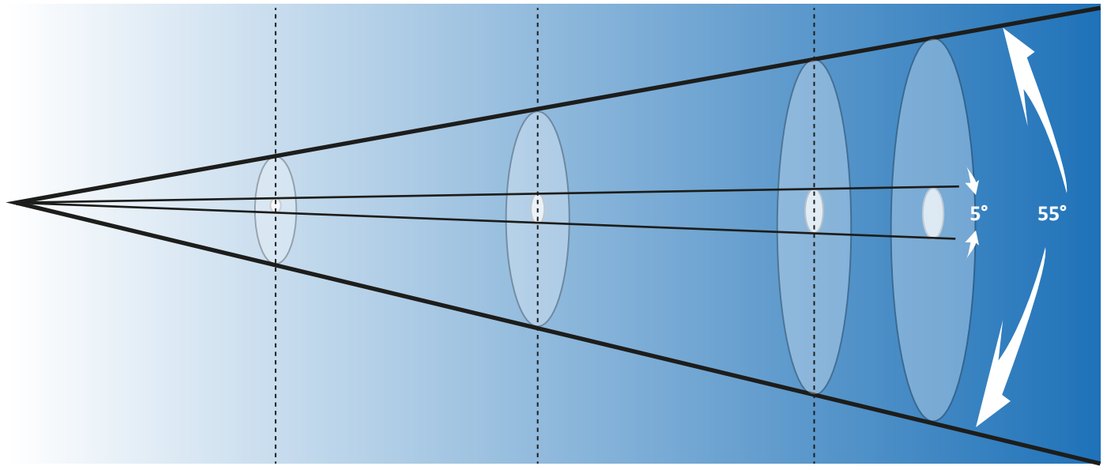
7 glass gobos can be indexed and rotated in both directions at different speeds
Gobo wheel continuous rotation



- LIGHT SOURCE : 7500 K White LED engine, the lamp chip is made by Osram
- LIGHT OUTPUT : 71570 Lux / 5m
- ZOOM RANGE : 5° Beam Angle / 1:8 Zoom Ratio / 55° Maximum Wash Angle
- EFFECTS : Static gobo, Rotating gobo, 3 facet circular prism, 3 facet linear prism, Prism super position; CMY color-mixing system

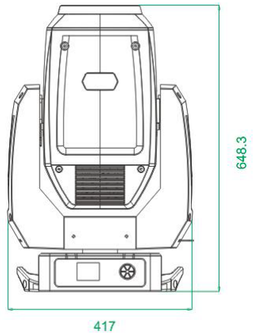
Photometric Diagram

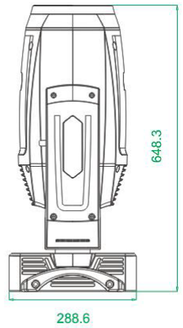
55° Brightness (LX)	1675 lm	600 lm	155 lm
5° Brightness (LX)	200.000 lm	71.570 lm	18.000 lm

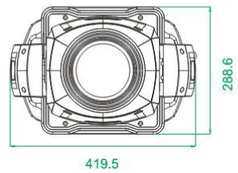


Distance (M)	3 m	5 m	10 m
55° Beam diameter (CM)	312 cm	521 cm	1041 cm
5° Beam diameter (CM)	26 cm	44 cm	87 cm

Dimensions







Technical Specification

Source	• 11.000 Lumen White LED engine • 7500K • 20.000 hrs (with **OSRAM Lamp** chip)
Optical System	• Zoom range 5°– 55° • 1:8 Zoom Ratio
Control and Programming	• Protocols: USITT DMX-512 • DMX protocol modes: 2 • Control channels: 30, 25 • Pan Tilt resolution: 16 bit • Movement control: Tracking and vector • CMY: 8 bit • Colour wheel positioning: 8 bit • Rotating gobo wheel positioning: 8 bit • Static gobo wheel positioning: 8 or 16 bit • Gobo indexing & rotation: 8 or 16 bit • Iris: 8 or 16 bit • Frost: 8 bit • Zoom: 8 or 16 bit • Focus: 8 or 16 bit • Dimmer (Internal 18 bit): 8 or 16 bit • Built-in analyser for easy fault finding • Wireless CRMX™ technology from Lumen Radio (on request)
Static Gobos	• Image diameter: 23.0 mm • Thickness: 0.5 mm • Aluminium
Rotating Gobo	• Outside diameter: 24.0 mm • Image diameter: 21.0 mm • Thickness: 1.1 mm • Max. Thickness: 6.0 mm • Material: High temperature borofloat or better glass
Thermal Spec.	• Maximum ambient temperature: 45 °C (113 °F) • Maximum surface temperature: 80 °C (176 °F) • Minimal operating temperature: -5°C (23°F)
Electrical Spec.	• Power supply: Electronic auto-ranging • Input voltage range: 100–240 V, 50/60 Hz • Power in connector: Neutrik powerCON TRUE1 • DMX and RDM data in/out: Locking 3-pin & 5-pin XLR
Mechanical Spec.	• Height: 670 mm (26.4") – head in vertical position • Width: 280 mm (11.0") • Depth: 220 mm (8.7") – head in horizontal position • Weight: 18 kg
Rigging	• Fixation option: Pan/Tilt-lock mechanism • Mounting points: 2 pairs of 1 -turn locking points • 2x Omega brackets with 1-turn quick locks • Universal operating position • Pan and Tilt transport locks