

Synapse Profile 600

LED BWSF



Synapse equips with all essential components and precision, that bring all your creativity, the spark that you have in your mind to live.

Range Technology Limited

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🏠 Flat /Rm509, 5/F, Yick Tai Industrial Building, 650 – 652 Castle Peak Road, Lai Chi Kok, Kowloon



SPECIFICATIONS

OPTIC

- Light Source: 580W White LED Module
- Lumen: 20,500
- Life time: 50,000 Hours
- Color temperature: 7000K
- CRI: at least 70, CT 7000K
- CRI: at least 90, CT 5700K

MOVEMENT

- Pan movement: 540° (16 bit)
- Tilt movement: 270° (16 bit)
- Automatic reset function

COLORS

- Linear CMY+CTO
- Colors wheel: 1+6 colors

FRAMING SYSTEM

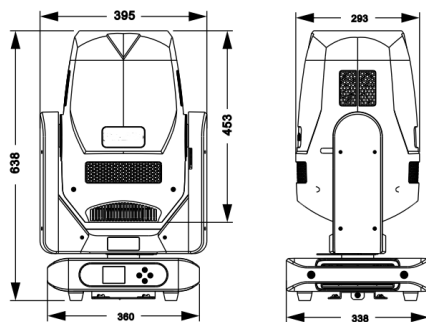
- Motorized framing system with 4 focal planes
- 4 Blades that move separately
- Smooth, flexible blade movements at variable speed
- Framing system indexable over 90 degrees

IP GRADE

- IP: 20

WEIGHT AND DIMENSION

- Net weight: 25KG
- Product size: (see below)
- Carton size: 460*400*750MM
- Flight case size (2in1): 940*470*870MM



HOUSING

- Intellectual property rights of appearance and structure design
- Environmentally friendly flame retardant materials
- High temperature resistant engineering plastics

FEATURE

- Prism: 1pcs rotating prism (3,4,5,8,16 facet option)
- Iris: Linear adjustable with macro
- Soft lighting: 1 pcs independent scrim
- Focus: DMX 512 linear focus
- Dimmer: 0-100% linear dimmer
- Strobe: Electronic strobe, 0.3-20 TIMES/SEC
- Zoom: Smooth and fast speed
- Angle: 6.5°-42° linear adjustment
- Prism angel can option
- Control mode: DMX512, Protocols RDM, Wireless and Art-Net
- Standard mode 35 channels, Sound control mode, Stand-alone mode, Self-inspection mode

POWER SUPPLY

- Input voltage: AC 100V~240V 50/60Hz
- Rate power: 800W@220V

OTHER FUNCTION

- DMX Software update
- Show software version number
- Intelligent control of wind speed
- Display lamps and lanterns use time
- 100% brightness without stroboscopic problem
- Manual programming function
- Manual fine calibration function
- DMX and RDM data IN/OUT, Art-Net, wireless

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











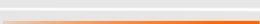


































































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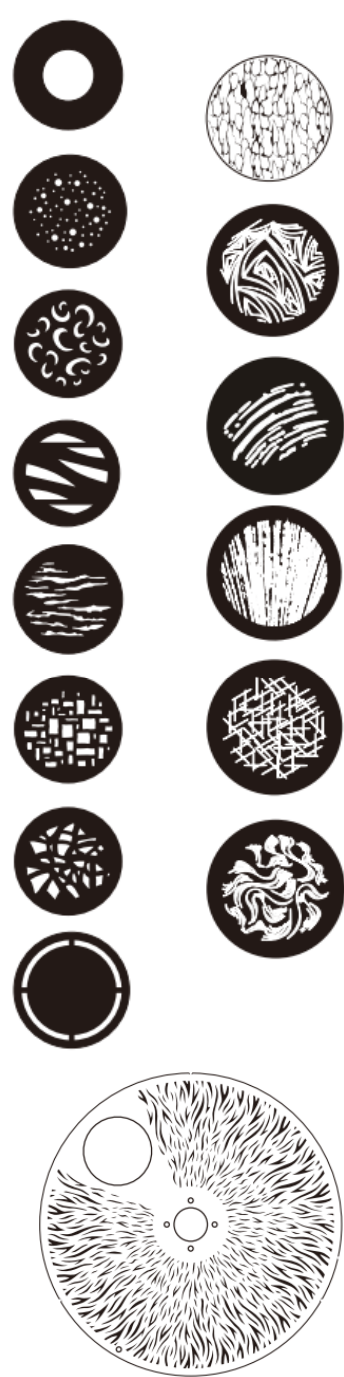
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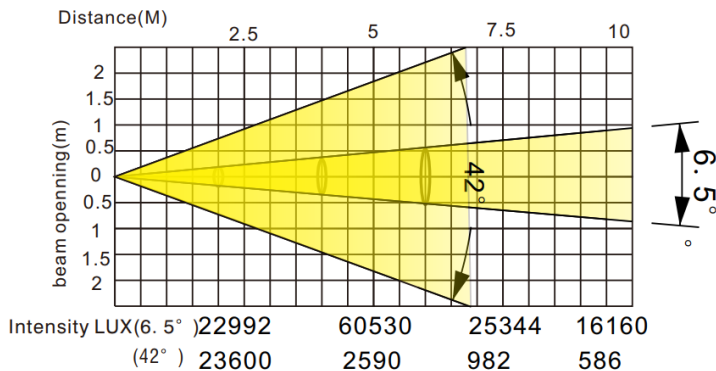
DMX CHANNEL

Channel NO.	Function	Description
Ch1	Pan	000    255
Ch2	Pan Fine	000    255
Ch3	Tilt	000    255
Ch4	Tilt Fine	000    255
Ch5	Color Wheel 1	000      255
Ch6	Cyan	000  255
Ch7	Magenta	000  255
Ch8	Yellow	000  255
Ch9	CTO	000  255
Ch10	Fixed Gobo wheel	000       255
Ch11	Rotating Gobo wheel	000       255
Ch12	Gobos Auto-Rotation	000   255
Ch13	Dimmer	000       255
Ch14	Strobe	000       255
Ch15	Dimmer mode	000 DELAY  FAST 255
Ch16	Prism	000   255
Ch17	Prism Auto-Rotation	000   255
Ch18	Zoom	000   255
Ch19	Focus	000   255
Ch20	Iris	000   255
Ch21	Frost	000   255
Ch22	Animation wheel	000   255
Ch23	Frame 1A	000   255
Ch24	Frame 1B	000   255
Ch25	Frame 2A	000   255
Ch26	Frame 2B	000   255
Ch27	Frame 3A	000   255
Ch28	Frame 3B	000   255
Ch29	Frame 4A	000   255
Ch30	Frame 4B	000   255
Ch31	Frame angle	000   255
Ch32	Frame angle fine	000   255
Ch33	Frame marco	000   255
Ch34	Scan speed	000 FAST  SLOW 255
Ch35	Reset	000  255

GOBOS



LUMEN



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