

# Synapse Profile1000

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LED BWSF



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

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# SPECIFICATIONS

## OPTIC

- Light Source: 1000W White LED Module
- Lumen: 40,000
- Life time: 50,000 Hours
- Color temperature: 6500K
- CRI: at least 70, CT 6500K
- CRI: at least 90, CT 5600K

## MOVEMENT

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

## COLORS

- Linear CMY+CTO
- Colors wheel: 1+5 colors

## POWER SUPPLY

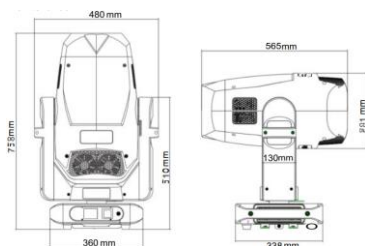
- Input voltage: AC 100V~240V 50/60Hz
- Rate power: 1360W@220V
- Power socket: power connector input and output
- DMX and RDM data IN/OUT : Locking 3-pin & 5-pin XLR

## IP GRADE

- IP: 20

## WEIGHT AND DIMENSION

- Net weight: 34KG
- Product size: ( see below )
- Carton size: 890\*610\*480MM
- Flight case size ( 1in1 ): 480\*360\*780MM



## HOUSING

- Aluminum and steel structure with plastic covers
- Two side handles for transportation
- Device locking PAN and TILT mechanisms for transportation and maintenance
- Intellectual property rights of appearance and structure design
- Environmentally friendly flame retardant materials
- High temperature resistant engineering plastics

## FEATURE

- Prism: 2pcs interchangeable, indexable prisms ( 4 facet prism+linear prism )
- Iris: Linear adjustable with macro
- Frost: Soft edge frost and flood frost
- Focus: DMX 512 linear focus
- Dimmer: 0-100% linear dimmer
- Strobe: Electronicstrobe, 0.3-20 TIMES/SEC
- Zoom: Smooth and fast speed
- Angle: 5°-55° linearadjustment
- Animation Wheel: 1 \* interchangeable disc, clockwise and counter-clockwise rotation at variable speed

## OTHER FUNCTION

- 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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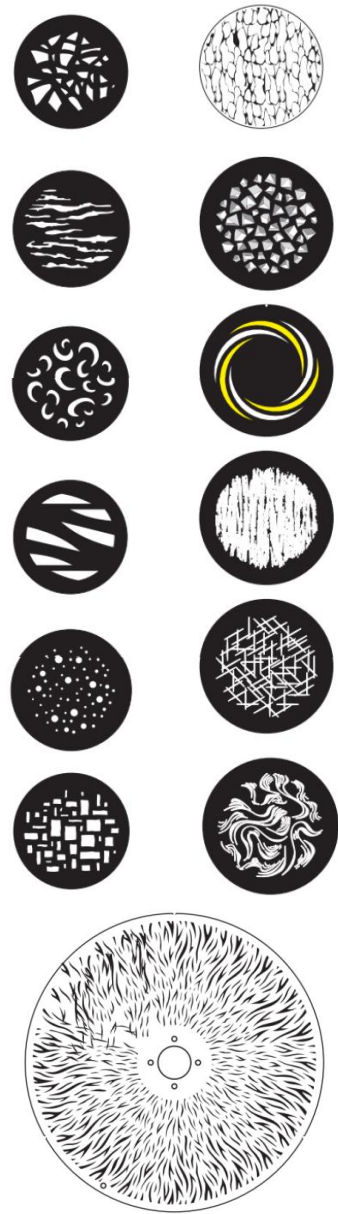
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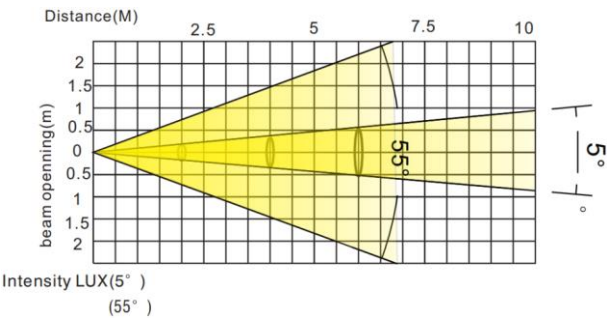
# DMX CHANNEL

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	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	Dimmer fine	000			255
Ch15	Strobe	000			255
Ch16	Dimmer mode	000	DELAY	FAST	255
Ch17	Prism 1	000			255
Ch18	Prism 1 Rotation	000			255
Ch19	Prism 2	000			255
Ch20	Prism 2 Rotation	000			255
Ch21	Zoom	000			255
Ch22	Zoom fine	000			255
Ch23	Focus	000			255
Ch24	Focus fine	000			255
Ch25	Iris	000			255
Ch26	Frost 1	000			255
Ch27	Frost 2	000			255
Ch28	Animation wheel	000			255
Ch29	Animation Rotation	000			255
Ch30	Frame 1A	000			255
Ch31	Frame 1B	000			255
Ch32	Frame 2A	000			255
Ch33	Frame 2B	000			255
Ch34	Frame 3A	000			255
Ch35	Frame 3B	000			255
Ch36	Frame 4A	000			255
Ch37	Frame 4B	000			255
Ch38	Frame angle	000			255
Ch39	Frame marco	000			255
Ch40	Scan speed	000	FAST	SLOW	255
Ch41	Reset	000			255

# GOBOS



# LUMEN



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