

SYNERGY6 PROFILE

SYNERGY 6 PROFILE is a new projector that has become "the Stallion" in our team of moving heads. With an output up to 25.130 lumens, the Synergy 6 Profile offers incredible versatility and freedom of use. The unit employs a 570W pure white LED source, coupled with a long excursion 4,6° - 43° motorized linear zoom with autofocus. The unit features a rotating framing system with 4 blades.

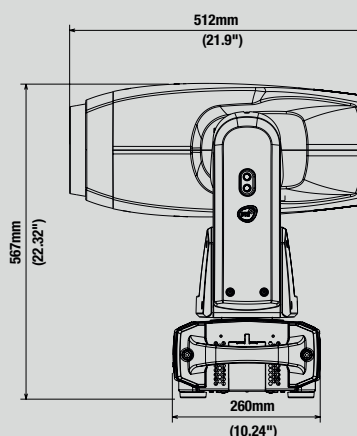
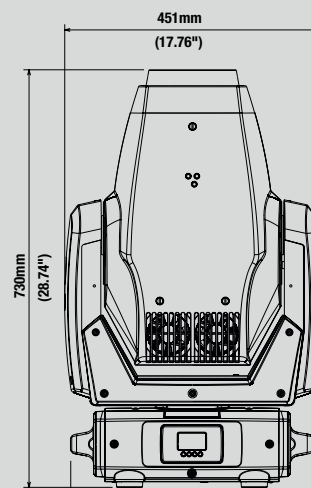


WHITE SOURCE LED
MOVING HEAD
WITH FRAMING SYSTEM



FAMILY

SYNERGY	5	5 SPOT	6	6 HI CRI	7	7 HI CRI
			●			



SKILLS

- 25.130 Lumens
- Dynamove FX Engine
- Virtual animation wheel
- 4-blade framing system with 90° rotation
- Great profiling perfectly focused at any zoom angle and distance
- CRI >95 (R9 >70)

APPLICATIONS

The SYNERGY 6 PROFILE moving head is the ideal choice for live television and theatrical productions. Thanks to its high Color Rendering Index (CRI), it ensures impeccable color accuracy on camera and on stage, enhancing faces, costumes, and scenic elements with faithful and even lighting. Its optical performance and projection quality make it the perfect tool for environments where every visual detail matters.

FEATURES



CERTIFICATIONS



CODE

03.MP004

FINITURES



03.MP004 Rev. 10.2024



MADE IN
ITALY

TECHNICAL DATA

OUTPUT

- 570 W pure white LED source (7000 K 25,130 Lumens output)
- Native CRI > 70; Higher CRI (DMX-selectable) CRI >90 (R9 >70);
- Average LED life: 50,000 hours (L70B10)

OPTICAL GROUP

- 109,000 Lux (4.6°@ 5 m)
- 4.6° - 43° linear zoom with autofocus
- Linear soft frost fi lter (Medium and Heavy frost filters available on demand)
- Electronic dimmer / shutter / strobe (0.3 to 33.3 flash/sec)

COLOR GENERATION

- Linear CMY
- Linear CTO (7,000 K – 3,000 K)
- Gel filters emulation
- 6-color wheel (5 color + HI-CRI)
- Two-color generation

DYNAMIC EFFECTS

- Dynamove FX Engine
- Virtual Animation Wheel
- Customizable rotating 6-gobo wheel
- Circular 24-facet rotating prism
- Linear 6-facet rotating prism

ROTATING FRAMING SYSTEM

- 4-blade rotating framing system
- Real 'curtain' effect for each blade
- 60° rotation for each blade (+/- 30°)
- 90° full system rotation (+/- 45°)

CONTROL

- LCD graphic display + 4 soft keys ("auto-flip" and "key-lock" functions available)
- Li-Fe backup battery for controlling display settings when the unit is not powered
- Art-Net 4, sACN, RDM/DMX 512 protocols
- 16-bit index for insertion and rotation of each blade
- 16-bit index for blade system rotation
- "Standard", "Silent" and "Auto" operation modes
- Noise level in "Standard" mode: 43dBA @ 1 m (normal operation, full power)
- Internal operating system updatable via DTS firmware uploader dongle

DMX

- 44 DMX channels (default)
- 53 DMX channels

PAN & TILT

- Pan: 540° 2.7 sec
- Tilt: 240° 1.6 sec
- Tri-phase stepper motor technology
- 16-bit resolution
- Pan / Tilt lock

POWER SUPPLY

- Wide-range 100-240 Vac 50/60 Hz
- Power consumption: 750 W max
- Power Factor: PF >0.90

CONNECTIONS

- DMX: XLR 3-pole and 5-pole In / Out panel connectors
- Power supply: powerCON TRUE1 panel connector
- Art-Net / sACN: etherCON RJ45 panel connector

CIRCUITS PROTECTIONS

Overvoltage and overtemperature circuits protection

TEMPERATURE

- Operating: -20° +45°
- Storage: -40° +85°

PHYSICAL

- IP20
- Weight: 34.5 Kg (76 lbs)
- Finishing: Black

TEST AND CERTIFICATION

- CE

ACCESSORIES

INCLUDED

- Cover L580XW490XH80 - SYNERGY 5/6 (code 0512K166.1)
- Base L580XW490XH70 - SYN 5/6-ALC 5 (code 0512K166.3)
- 1 x Soft frost filter - already mounted on the unit (code 02SK0410)
- 1 x PowerCON TRUE1 female cable connector (code 0520P066)
- 1 x XLR 5 pins female cable connector (code 0508B147)
- 1 x XLR 5 pins male cable connector (code 0508B148)
- 2 x Kit Omega clamp "Fast Lock" (code 02K00549)

ON REQUEST

- Medium frost filter (code 02SK0428)
- Heavy frost filter (code 02SK0430)
- Flightcase for 2 units (code 0521C073)
- Aliscat clamp for tube diameter 48-51 mm - max. load. 200 Kg (code 0521A033)
- G-QUICK clamp Professional - max. load 100 Kg (code 0521A037)
- Outdoor DMX cable 2 x 0,25 mm2 - Flame retardant (code 0509C158)
- Safety cable 5 x 600 mm - max capacity load 60 Kg (code 0521A038)
- DTS firmware uploader dongle (code 03.LA.206)

PHOTOMETRIC DATA

		mt 5 ft 3.28	mt 10 ft6.56	mt 15 ft 9.84	mt 20 ft 13.12	mt 25 ft 16.40	
BEAM ANGLE 4,6°	Full RGBW	109000	27250	12111	6813	4360	lux center (lx)
		10130	2533	1126	633	405	foot candles (fc)
	Beam angle	40	80	120	161	201	diametro (cm)
		1,32	2,64	3,95	5,27	6,59	diametro (ft)
		mt 5 ft 3.28	mt 10 ft6.56	mt 15 ft 9.84	mt 20 ft 13.12	mt 25 ft 16.40	
BEAM ANGLE 43,1°	Full RGBW	3200	800	356	200	128	lux center (lx)
		297	74	33	19	12	foot candles (fc)
	Beam angle	395	790	1185	1580	1975	diametro (cm)
		12,96	25,91	38,87	51,83	64,78	diametro (ft)

for more data scan the front page QR code