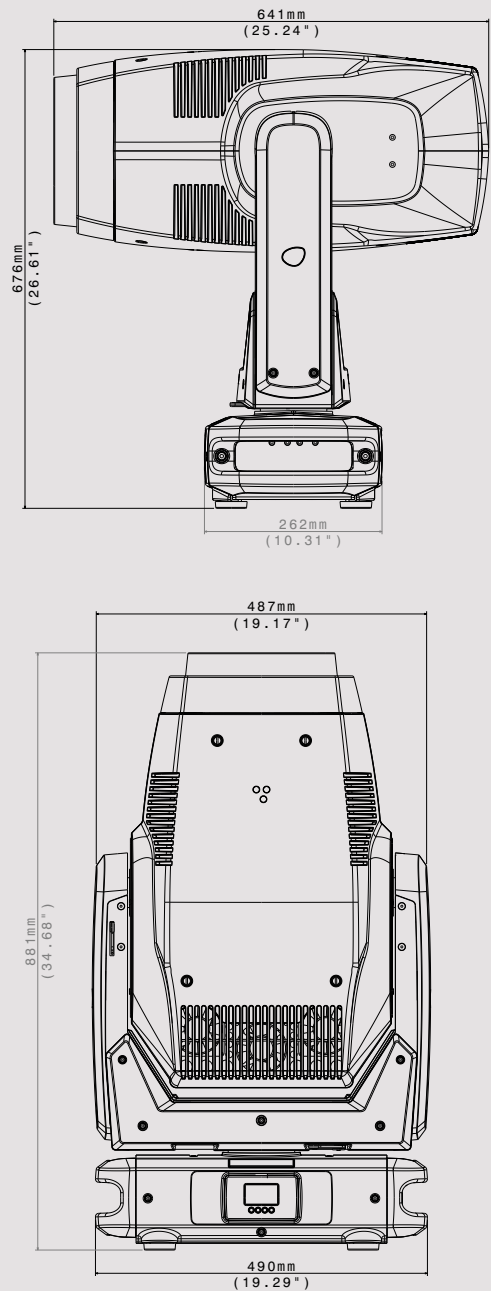


SYNERGY 7 PROFILE

PROFILE MOVING HEAD THAT
OFFERS HIGH POWER, SLEEK
DESIGN AND GREAT VERSATILITY



FEATURES



LED



IP20



Dynamove



RDM/DMX



Art-Net 4



s-ACN



-10° +45°



EZ shell

OPTIONALS

CERTIFICATIONS



CODE
03.MP003



TECHNICAL DATA

OUTPUT

- 1050 W pure white LED source (7000 K 55,000 Lumens output)
- Double CRI (DMX-selectable): CRI >75 or CRI >90 (R9 > 80)
- Average LED life: 50,000 hours (70% lumen output)

OPTICAL GROUP

- 101,000 Lux (7°@ 5 m)
- 7° - 52° linear zoom with autofocus
- Linear Frost filter
- Electronic dimmer / shutter / strobe (0.3 to 33.3 flash/sec)

COLOR GENERATION

- Linear CMY
- Linear CTO (3000 K – 7000 K)
- Gel filter emulation
- 4-color wheel (white correction + UV)
- 5-color wheel (two-color generation)

IRIS

- Linear 16-blade Iris (15% ÷ 100%)

DYNAMIC EFFECTS

- Dynamove FX Engine (DTS patent)
- Virtual Animation Wheel
- 2 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°)

USER INTERFACE

- LCD graphic display + 4 soft-keys; Auto-flip; Key-Lock function
- Li-Fe backup battery for controlling the display settings even when the unit is not powered

CONTROL

- Art-Net 4, sACN, RDM/DMX 512 protocols
- 52 DMX channels (Default)

- 61 DMX channels:
 - 16 bit index for insertion and rotation of each blade
 - 16 bit index for blade system rotation
- Standard, Silent and Ultra-silent operation modes
- Noise level at Ultra-silent mode: 36dBA @ 1m (normal operation, full power)
- Internal operating system updatable via DTS dongle firmware uploader

PAN & TILT

- Pan: 540°
- Tilt: 260°
- Tri-phase stepper motor technology;
- 16-bit resolution
- Pan / Tilt lock

POWER SUPPLY

- Wide range 100-240Vac 50-60 Hz
- Power consumption: 1400 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

INTERNAL PROTECTION DEVICES

- Overvoltage and overtemperature circuits protection
- Auto-parking: internal collision protection system

OPERATING TEMPERATURE

-10° / 45° C

STORAGE TEMPERATURE

-20° / 60° C

PHYSICAL

- IP20
- Weight: 46.5 Kg (102.5 lbs)
- Finishing: Black

ACCESSORIES INCLUDED

- 1 x Synergy EZ-shell (code 0512K158.1)
- 1 x Cable with PowerCON TRUE1 female connector (code 02K0012267.0015)
- 2 x Kit Omega clamp "Fast Lock" (code 02K00549)

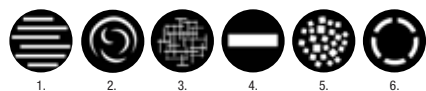
ACCESSORIES ON REQUEST

- Flightcase for 1 units (code 0521C080)
- Aliscraf clamp for tube diameter 48-51 mm - max. load. 200 Kg (code 0521A033)
- G-QUICK clamp Professional - max. load 100 Kg (code 0521A037)
- Safety cable 5 x 600 mm - max capacity load 60 Kg (code 0521A038)
- DTS dongle firmware uploader (code 03.LA.206)

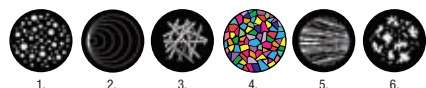
PHOTOMETRIC DATA

	mt 5 ft 16.40	mt 10 ft 32.81	mt 15 ft 49.21	mt 20 ft 65.62	mt 25 ft 82.02
BEAM ANGLE 7°	lux center (lx)	101000	25250	11222	6313
	foot candles (fc)	9387	2347	1043	587
	diameter (cm)	61	122	183	245
	diameter (ft)	2.01	4.01	6.02	8.03
BEAM ANGLE 52°	mt 3 ft 9.84	mt 6 ft 19.68	mt 9 ft 29.53	mt 12 ft 39.37	mt 15 ft 49.21
	lux center (lx)	11389	2847	1265	712
	foot candles (fc)	1058	265	118	66
	diameter (cm)	293	585	878	1171
	diameter (ft)	9.60	19.20	28.80	38.40

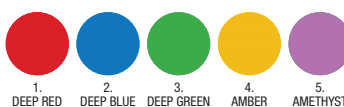
ROTATING GOBO WHEEL 1



ROTATING GOBO WHEEL 2



COLOR WHEEL



WHITE CORRECTION + UV COLOR WHEEL

