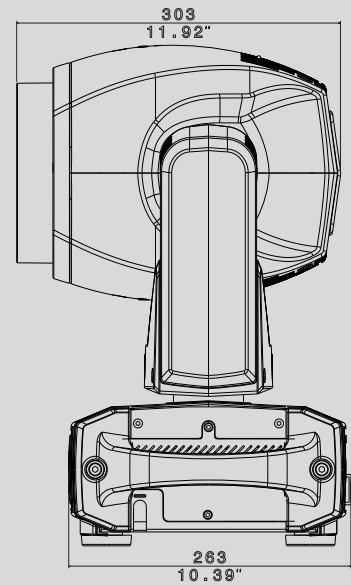
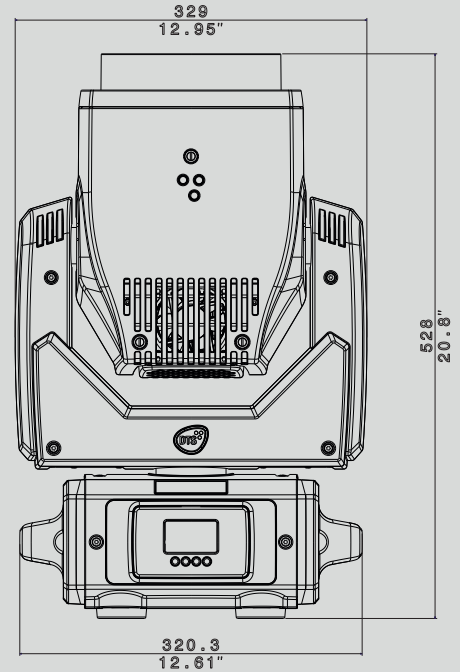


ALCHEMY PRO

THE ENHANCED NEW-GENERATION
FRESNEL LED WASH LIGHT IN A COMPACT SIZE



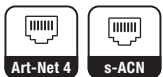
MADE IN
ITALY

www.dts.lighting.it

FEATURES



OPTIONALS



CERTIFICATIONS



CODE

ALCHEMY PRO

03.MW014



TECHNICAL DATA

OUTPUT

- Lumen output: 8800
- CRI: up to 98
- R9: up to 95
- TLCI: up to 96
- LED lifespan: 20000 hours (70% lumen output)

OPTICAL GROUP

- Ø 175 mm Fresnel lens
- 10° - 36° linear zoom
- Indexable beam shaper (2:1 ratio) with endless continuous rotation
- Heavy frost filter insertable via DMX
- Retractable 'top hat'

COLOR / WHITE GENERATION

- 6 color LED engine
- Linear CCT (1,800 K - 10,000 K)
- Green saturation: Linearly adjustable green/magenta point
- 100 gel filters emulation:
 - Linear crossfade from gel filters emulation to CCT whites
 - Linear crossfade between emulated gel filters
 - True color of gel filters emulation at any CCT values
- "Raw" RGBACL color-mixing in 'Advanced' mode
- Extra deep colors: Two DMX-selectable filters ('deep blue' and 'deep red') allow to further extend the range of reproducible colors toward the two ends of the visible spectrum
- HQS (High Quality Spectrum) - DTS trademark certifies a product' superior white light quality and its ability to generate an extended color palette offering a wider gamut of pastel shades with rich warm nuances.

DIMMER

- 'Hi-Q Dimming' technology – guarantees a perfect linearity in the increase / attenuation of brightness of multi-chip LED sources, even at low dimming levels, without visible 'steps' between adjacent values
- Tungsten emulation - CCT variation emulates behavior of Halo-lamps

CONTROL

- LCD graphic display with 4 soft keys ("auto-flip" and "key-lock" functions available)
- RDM / DMX 512 protocol
- Art-Net 4, sACN protocols available on request
- 'Standard', 'Silent' operation modes. (automatic noise control up to the threshold of the operation modes)
 - Standard operation mode 42 dBA@1mt (100% lumen output power)
 - Silent operation mode 36 dBA@1mt (80% lumen out power)
- Firmware: Internal operating system updatable via DTS dongle firmware uploader
- "Li-Fe" backup battery allowing the use of the on-board unit display when it is not power-red, besides ensuring a safe return and blockage of the top hat during shut down

DMX

- 5 DMX modes:
 - 1. CCT (Default)
 - 2. Advanced (Raw)
 - 3. Basic
 - 4. Expo
 - 5. CMY Emulation

PAN & TILT

- Pan 540° : 1.8 s
- Tilt 215° : 1.1 s
- 16-bit resolution

POWER SUPPLY

- Electronic Wide-range 100/240 Vac 50-60 Hz
- Power consumption: 400 W max
- Power Factor: PF >0.94

CONNECTIONS

- Power supply: PowerCON TRUE1 In/Out panel connectors
- DMX: XLR 3-pole and 5-pole In/Out panel connectors

CIRCUIT PROTECTIONS

- Overvoltage and overtemperature circuit protection

TEMPERATURE

- Operating: -10° / 45°C
- Storage: -20° / 60°C

PHYSICAL

- Weight: 14,5 Kg (32 lbs)
- Finishing: Black
- IP20

ACCESSORIES

ACCESSORIES INCLUDED

- 1x powerCON TRUE1 female cable connector (code 0520P066)
- 1 x Omega bracket with "Fast Lock" (code 02K00467)

ACCESSORIES ON REQUEST

- Aliscaf 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 3 x 600 mm - Max load 20 Kg (code 0521A049)
- Flight case x 4 Alchemy PRO (code 0521C082)
- DTS firmware uploader dongle (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 10° @50%	3200°K	lux center (lx)	6200	1550	689	388	248
		Foot candles (ft)	576	144	64	36	23
	4000°K	lux center (lx)	8000	2000	889	500	320
		Foot candles (ft)	743	186	83	46	30
	5000°K	lux center (lx)	9500	2375	1056	594	380
		Foot candles (ft)	883	221	98	55	35
	5600°K	lux center (lx)	9000	2250	1000	563	360
		Foot candles (ft)	836	209	93	52	33
	Diameter (cm)		87	175	262	350	437
	Diameter (ft)		2.87	5.74	8.61	11.48	14.35

			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
BEAM ANGLE 36° @10%	3200°K	lux center (lx)	5100	1275	567	319	204
		Foot candles (ft)	474	118	53	30	19
	4000°K	lux center (lx)	6400	1600	711	400	256
		Foot candles (ft)	595	149	66	37	24
	5000°K	lux center (lx)	7500	1875	833	469	300
		Foot candles (ft)	697	174	77	44	28
	5600°K	lux center (lx)	7200	1800	800	450	288
		Foot candles (ft)	669	167	74	42	27
	Diameter (cm)		195	390	585	780	975
	Diameter (ft)		6.40	12.79	19.19	25.58	31.98