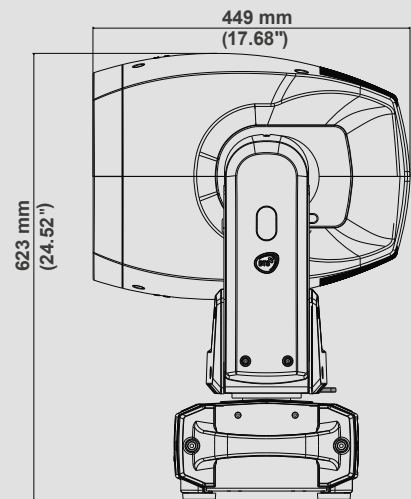
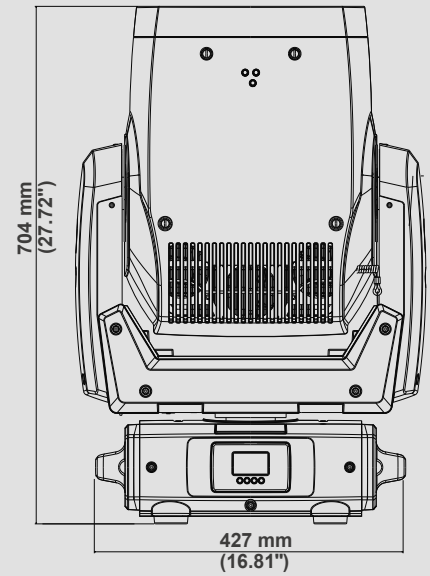


ALCHEMY 7



THE NEW-GENERATION FRESNEL
LED WASH LIGHT WITH HIGH
POWER PERFORMANCE



FEATURES



CERTIFICATIONS



CODE
03.MW012



TECHNICAL DATA

OUTPUT

- Multi-chip LED source
- LED source: 800 W
- Lumen output: 22,000 lm
- CRI: up to 98
- TLCI: up to 96
- LED lifespan: 20,000 hours (70% lumen output)

- Noise level at Silent mode: 38 dBA @ 1m (normal operation, full power)
- Firmware updatable via DTS firmware uploader dongle
- "Li-Fe" backup battery allows the use of the unit's on-board display when it is not powered, besides ensuring a safe return and blockage of the top hat during shut down

OPTICAL GROUP

- 15 - 50° linear zoom
- Ø 250 mm Fresnel lens
- Indexable beam shaper (2:1 ratio) with endless continuous rotation
- Heavy frost filter insertable via DMX
- Retractable 'top hat'

DMX

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

COLOR & WHITE GENERATION

- 6-color LED engine
- Linear CCT (1,800 K - 10,000 K)
- Linear 'green saturation'
- 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
- Deep blue and Deep red filters (DMX-selectable)

PAN & TILT

- Pan 540° : 3.8 s
- Tilt 220° : 2.1 s
- 16-bit resolution
- Pan / Tilt lock

POWER SUPPLY

- Electronic Wide-range 100/240 Vac 50-60 Hz
- Power consumption: 800 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 PROTECTION

- Overvoltage and overtemperature circuits protection

OPERATING TEMPERATURE

-10 / 45 °C

STORAGE TEMPERATURE

-20 / 60 °C

PHYSICAL

- IP20
- Weight: 34 Kg (75 lbs)
- Finishing: Black

ROTATING FRAMING SYSTEM

- 2-blade rotating framing system
- Real "curtain" effect for each blade
- 60° rotation for each blade (+/- 30°)
- 180° full system rotation (+/- 90°)

DIMMER

- Hi-Q Dimming technology
- Tungsten Emulation function

CONTROL

- LCD graphic display with 4 soft keys ("auto-flip" and "key-lock" functions available)
- Art-Net 4, sACN, RDM/DMX 512 protocols
- 'Standard' and 'Silent' operation modes

ACCESSORIES INCLUDED

- 1x PowerCON TRUE1 female connector (code 0520P066)
- 2x Omega clamp with ¼- turn "Fast Lock" connection (code 02K00549)

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 5 x 600 mm - max capacity load 60 Kg (code 0521A038)
- 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 15° - @ 50%	3200 K	lux center (lx)	8568	2142	952	536	343
		foot candles (fc)	796	199	88	50	32
	4000 K	lux center (lx)	10710	2678	1190	669	428
		foot candles (fc)	995	249	111	62	40
	5600 K	lux center (lx)	12060	3015	1340	754	482
		foot candles (fc)	1121	280	125	70	45
diameter (cm)		132	263	395	527	658	
diameter (ft)		4.32	8.64	12.96	17.28	21.60	
BEAM ANGLE 50° - @ 10%	3200 K	lux center (lx)	5500	1375	611	344	220
		foot candles (fc)	511	128	57	32	20
	4000 K	lux center (lx)	6800	1700	756	425	272
		foot candles (fc)	632	158	70	39	25
	5600 K	lux center (lx)	7750	1938	861	484	310
		foot candles (fc)	720	180	80	45	29
diameter (cm)		280	560	839	1119	1399	
diameter (ft)		9.18	18.36	27.54	36.72	45.90	