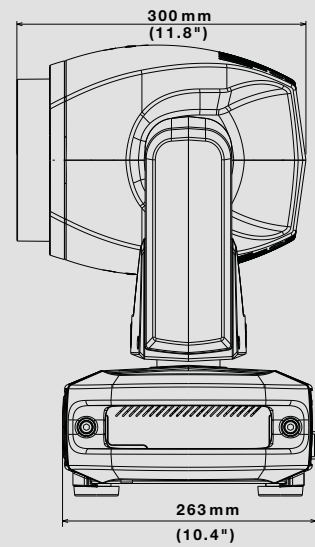
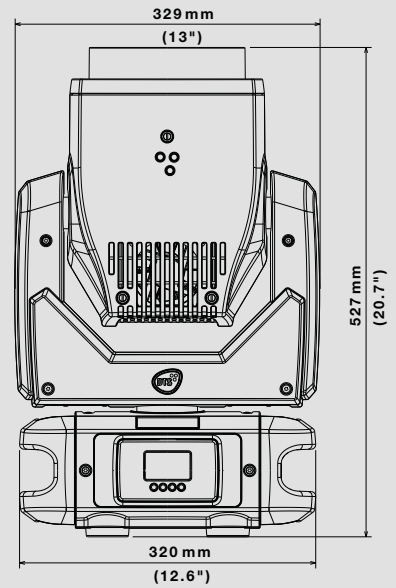


# ALCHEMY 3



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



## FEATURES



## OPTIONALS



## CERTIFICATIONS



CODE  
03.MW010



## TECHNICAL DATA

### OUTPUT

- Multi-chip LED source
- Lumen output: 6,600
- CRI: up to 98
- TLCI: up to 96
- LED lifespan: 20,000 hours (70% lumen output)

### OPTICAL GROUP

- 14.1° - 45.2° linear zoom
- Ø 175 mm Fresnel lens
- 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)
- 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)

### DIMMER

- Hi-Q Dimming technology
- Tungsten Emulation function

### CONTROL

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

### DMX

- 5 DMX modes:
  - 1. CCT (default)
  - 2. Advanced
  - 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: 300 W max
- Power Factor: PF >0.94

### CONNECTIONS

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

### CIRCUITS PROTECTIONS

- Overvoltage and overtemperature circuits protection

### OPERATING TEMPERATURE

-10° / 40° C

### PHYSICAL

- IP20
- Weight: 15.5 Kg (34 lbs)
- Finishing: Black

## ACCESSORIES INCLUDED

- 1 x PowerCON TRUE1 female cable connector (code 0520P066)
- 1 x Omega bracket with "Fast Lock" connection 1/4 turn (code 02K00467)

## ACCESSORIES ON REQUEST

- Lumen Radio Wireless DMX TX-RX interface kit (code 03.LA.241)
- Aliscaf 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 mm<sup>2</sup> - Flame retardant (code 0509C158)
- Safety cable 3 x 600 mm - Max load 30 Kg (code 0521A010)
- 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 14.1° - @ 50%	3200 K	lux center (lx)	1937	484	215	121	77
		foot candles (fc)	180	45	20	11	7
	4000 K	lux center (lx)	2412	603	268	151	96
		foot candles (fc)	224	56	25	14	9
	5600 K	lux center (lx)	3420	855	380	214	137
		foot candles (fc)	318	79	35	20	13
		diameter (cm)	124	247	371	495	618
		diameter (ft)	4.06	8.11	12.17	16.23	20.29
		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 45.2° - @ 10%	3200 K	lux center (lx)	1679	420	187	105	67
		foot candles (fc)	156	39	17	10	6
	4000 K	lux center (lx)	2146	537	238	134	86
		foot candles (fc)	199	50	22	12	8
	5600 K	lux center (lx)	2950	738	328	184	118
		foot candles (fc)	274	69	30	17	11
		diameter (cm)	250	500	749	999	1249
		diameter (ft)	8.19	16.39	24.58	32.78	40.97