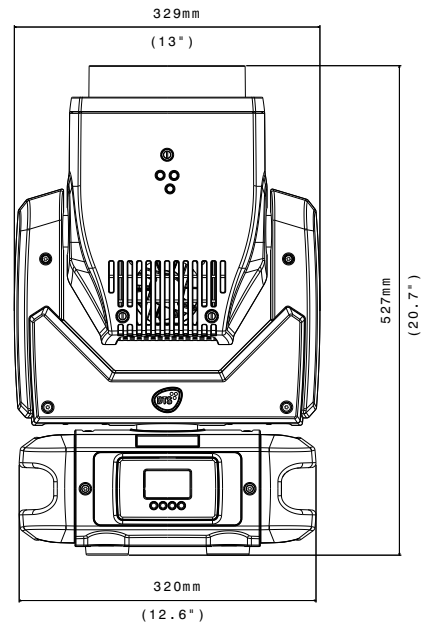
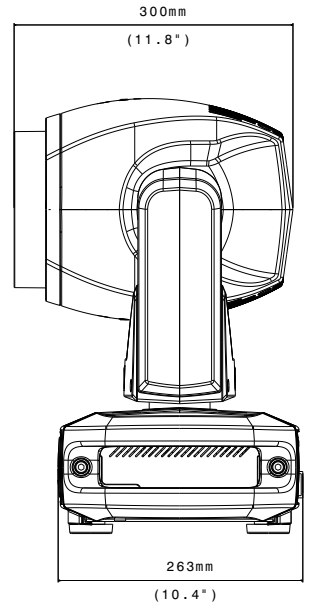




ALCHEMY 3

THE NEW-GENERATION LED WASH LIGHT, MADE FOR ANY TASKS WHERE COLOR PERFECTION IS PARAMOUNT



03.MW010

PRELIMINARY INFORMATION 1.1

PRELIMINARY INFORMATION 1.1

OUTPUT

- Multi-chip LED source
- 6,600 Lumen output
- 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
- Beam shaper (2x1 ratio) with endless rotation; indexable
- Heavy frost filter insertable via DMX
- Retractable 'top hat'

COLOR & WHITE GENERATION

- 6-color LED engine
- Linear CCT (1800 K - 10000 K)
- Linear 'Green saturation'
- 100 gel filters emulation:
 - Linear balance from gel filters emulation to white

ACCESSORIES INCLUDED

- 1 x cable with PowerCON TRUE1 female connector (code 02K0012267.0015)
- 1 x Omega bracket with "Fast Lock" (code 02K00467)

- Linear balance between gel filters emulation
- True color of gel filters emulation at any CCT values
- Color mixing by 6-color 'advanced' mode
- Deep blue and Deep red filters (DMX-selectable)

DIMMER

- Hi-Q Dimming technology
- Tungsten Emulation function

CONTROL

- LCD graphic display + 4 soft-keys; Auto-flip; Key-Lock function
- RDM / DMX 512 protocol
- Wireless DMX available on request
- Art-Net 4, sACN protocols available on request
- 'Standard' and 'Silent' operation modes

- Internal operating system updatable via DTS dongle firmware uploader
- Li-Fe backup battery for controlling the display settings even when the unit is not powered

DMX

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

PAN & TILT

- Pan 540° (1.8 sec)
- Tilt 215° (1.1 sec)
- 16-bit resolution
- Pan / Tilt lock

POWER SUPPLY

- Electronic full-range 100-240Vac 50-60 Hz
- Power consumption: 300 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

INTERNAL SAFETY DEVICES

Overvoltage and overtemperature circuits protection

OPERATING TEMPERATURE

-10° / 40° C

PHYSICAL

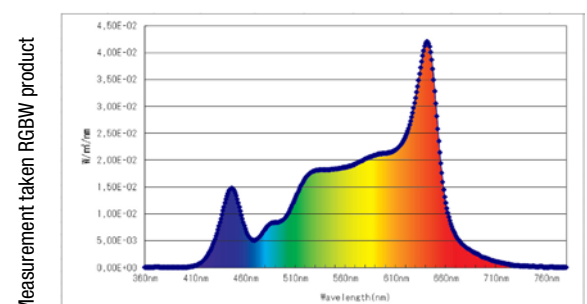
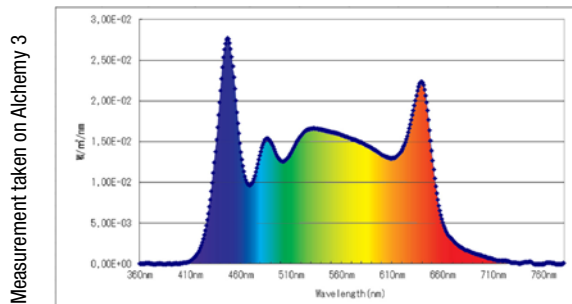
- IP20
- Weight: 15.5 Kg (34 lbs)
- Finishing: Black

ACCESSORIES ON REQUEST

- Lumen Radio Wireless DMX TX-RX interface kit (code 03.LA.241)
- Art-Net 4, sACN interface Kit (code 03.LA.242)
- Aliscaf clamp for tube diameter 50 mm (Max load 200 Kg) (code 0521A033)
- Professional Quick trigger clamp - Max load 100 Kg (code 0521A037)
- "C" Clamp G60 (Max load 50 Kg) (code 0521A004)
- Safety cable 3 x 600 mm (Max load 60 Kg) (code 0521A010)
- DTS Dongle firmware uploader (code 03.LA.206)



DTS' HQS (High Quality Spectrum) 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. A result achieved by a new **LED color generation** – compared to the standard RGBW – allowing a far more uniform distribution of energy along the visible light spectrum.



PHOTOMETRIC DATA

BEAM ANGLE 14.1° @ 50%	3200 K	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
	lux center (lx)	1937	484	215	121	77
	foot candles (fc)	180	45	20	11	7
	diameter (cm)	124	247	371	495	618
	diameter (ft)	4.06	8.11	12.17	16.23	20.29

BEAM ANGLE 14.1° @ 50%	4000 K	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
	lux center (lx)	2412	603	268	151	96
	foot candles (fc)	224	56	25	14	9
	diameter (cm)	124	247	371	495	618
	diameter (ft)	4.06	8.11	12.17	16.23	20.29

BEAM ANGLE 14.1° @ 50%	5600 K	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
	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

BEAM ANGLE 45.2° @ 10%	3200 K	mt 3 ft 16.40	mt 6 ft 32.81	mt 9 ft 49.21	mt 12 ft 65.62	mt 15 ft 82.02
	lux center (lx)	1679	420	187	105	67
	foot candles (fc)	156	39	17	10	6
	diameter (cm)	250	500	749	999	1249
	diameter (ft)	8.19	16.39	24.58	32.78	40.97

BEAM ANGLE 45.2° @ 10%	4000 K	mt 3 ft 16.40	mt 6 ft 32.81	mt 9 ft 49.21	mt 12 ft 65.62	mt 15 ft 82.02
	lux center (lx)	2146	537	238	134	86
	foot candles (fc)	199	50	22	12	8
	diameter (cm)	250	500	749	999	1249
	diameter (ft)	8.19	16.39	24.58	32.78	40.97

BEAM ANGLE 45.2° @ 10%	5600 K	mt 3 ft 16.40	mt 6 ft 32.81	mt 9 ft 49.21	mt 12 ft 65.62	mt 15 ft 82.02
	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