

ARGO 6 WASH

Feel the freedom



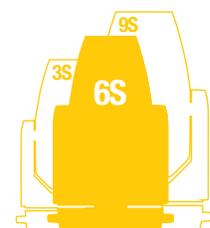
AYRTON

Digital Lighting



ARGO 6 WASH Feel the freedom

Bringing you a sensation of freedom has always been one of AYRTON's most sincere promises. For the first time in its history, AYRTON is launching a weather-sealed effects luminaire that offers as much creative potential indoors as outside – ARGO 6 WASH.



This luminaire presents a minimalist design incorporating features for total protection against harsh weather with easier internal access. The anti-reflective treated glass window guarantees an optimal visual result and offers increased performance. The placement of pan & tilt motors in the base and head of the luminaire avoids the constraint of weatherproofing the yoke arms. A new submersible ventilation system in a non-waterproof compartment allows for optimal cooling.



**A simple idea:
add to freedom of expression**

Due to a new composite alloy, reduction in thickness of the parts, an optimised cooling system, simplified lens guidance, and integration of low-density optical components, AYRTON has been able to reduce overall weight by 20%.

The power and visual performance of ARGO 6 WASH is ensured by a proprietary optical system consisting of a cluster of 19 lenses in PMMA with a diameter of 280 mm, combined with 19 glass light guides with an output surface made of an optical micro structure. ARGO 6 WASH can obtain a highly intense beam with a zoom ratio of 14:1 and a wide zoom range from 4° to 56°.



**19 x 50 mm
Frontal Lens**

19 lenses in PMMA

A perfect balance between precision and versatility

ARGO 6 WASH is equipped with 19 LEDs of 40 W with RGB+W additive colour synthesis that can obtain light output of 13,000 lumens.

ARGO 6 is available in two versions to meet your specific needs: WASH and FX.

For the first time, AYRTON has provided individual control of the LEDs on WASH version and added a virtually infinite library of effects.



6 Series - Source
19 RGBW LED

Zoom aperture
4° to 56°

Frontal Lens
19 x 50 mm

Weight
23.2 kg



13,000 lumens



A precision machine
that can attain **perfect
colour reproduction**

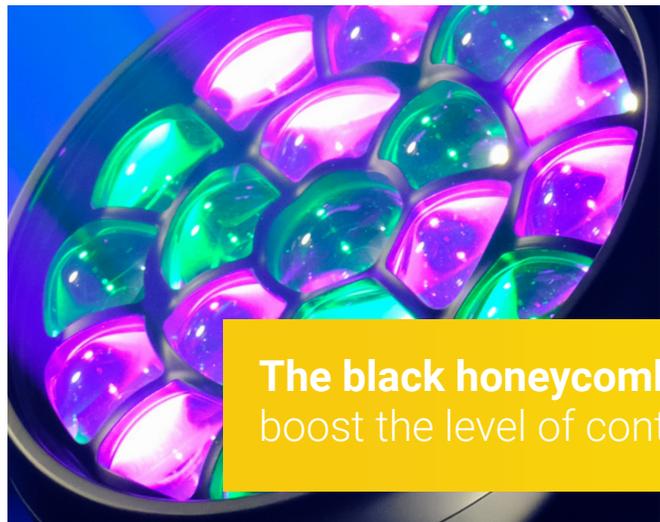


A practically infinite library of effects

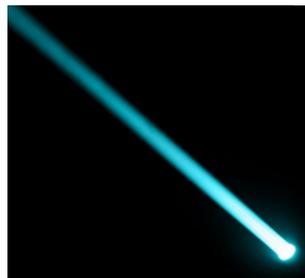
ARGO 6 WASH is a precise machine that can obtain perfect colour reproduction. A complete library of pre-programmed colours allows you to quickly create subtle, dense and contrasting swaths of light.

Its black honeycomb and perfect separation of the light sources help to significantly boost the level of contrast. It can be used alone or in combination with the main LED matrix.

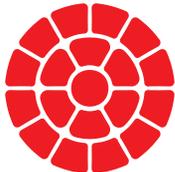
By allowing for more precision and exactness, ARGO 6 WASH add a breath of creativity. Rediscover a new sense of pure freedom.



The black honeycomb
boost the level of contrast



Colours



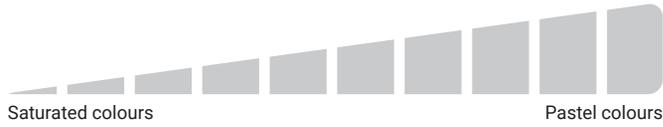
Red



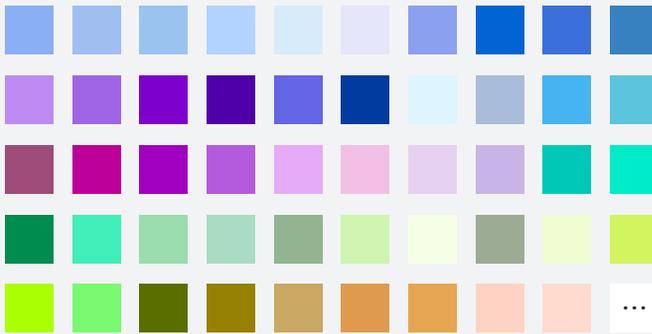
Green



Blue



192 Pre-programmed colours



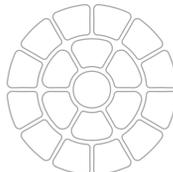
White colours



8000 K



6500 K



5600 K



4500 K



3200 K

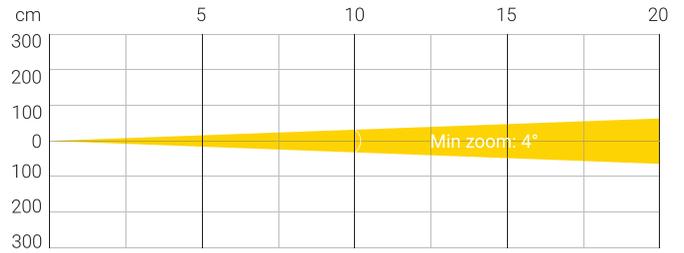


2700 K

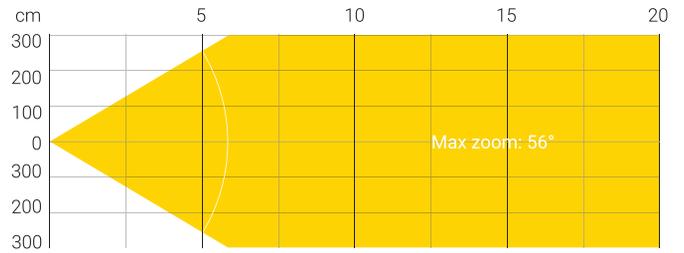
LEDs individual control



Photometry



Distance (m)	5		10		15		20	
Unit	lux	∅	lux	∅	lux	∅	lux	∅
Red	8155		2039		906		510	
Green	16893		4223		1877		1056	
Blue	4577	0.35	1144	0.7	509	1.05	286	1.4
White	25668		6417		2852		1604	
RGB+W	47686		11921		5298		2980	



Distance (m)	5		10		15		20	
Unit	lux	∅	lux	∅	lux	∅	lux	∅
Red	163		41		18		10	
Green	781		84		38		21	
Blue	209	5.54	24	11.09	11	16.63	6	22.17
White	1092		136		61		34	
RGB+W	2183		248		110		62	

Total Flux	13,110 lm Zoom at 100% (Goniometer, Fan mode AUTO)
CCT White chip	7600 (±500K)
Ra White chip	70 (±2)
TLCl White chip	44
TM-30 White chip	Rf: 66.8 Rg: 97.4

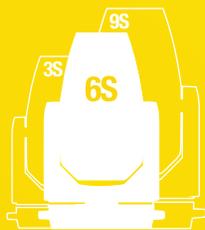
Fan Mode	Noise Level (dBA)	Flux (lm)
Auto Mode	47.1	12,900
Stage Mode	52.1	13,110
Silence Mode	40.8	9,200
Super Silence Mode	34.8	6,100

Note: noise measured at 1m distance, static status, ambient 31dBA



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