

ARGO 6 FX

Feel the freedom



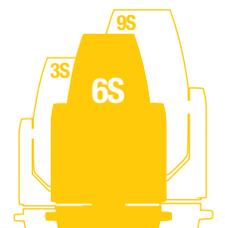
AYRTON

Digital Lighting

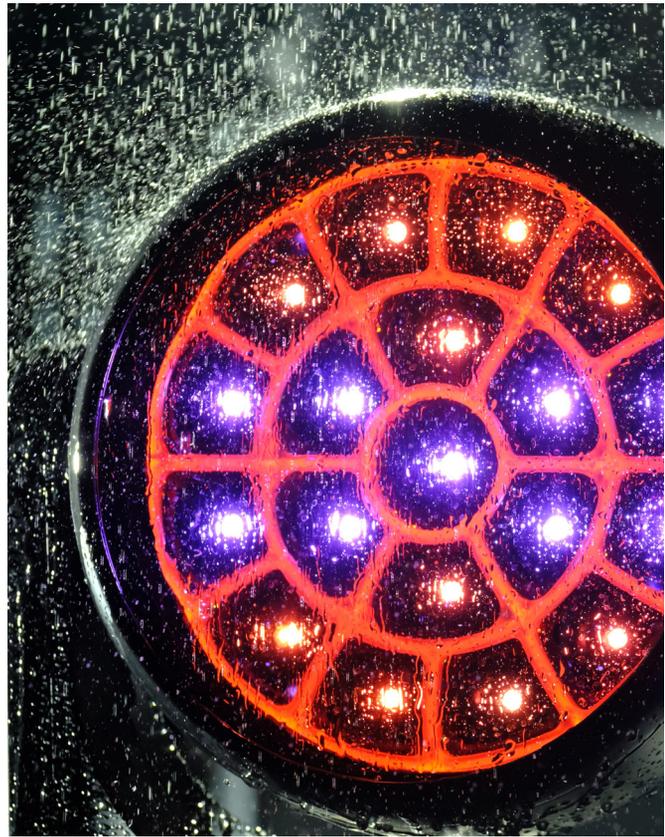
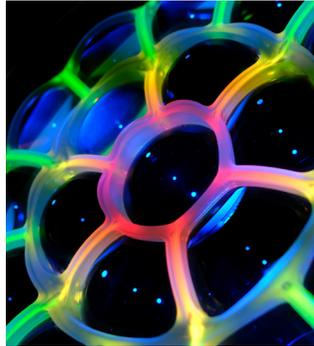
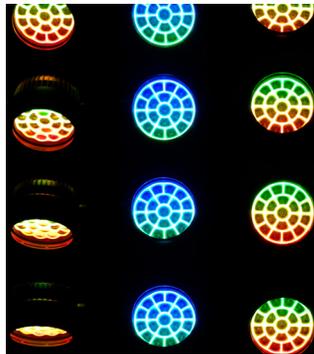


ARGO 6 FX **Feel the freedom**

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 FX.



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 FX 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 FX 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**



A perfect balance between precision and versatility

ARGO 6 is equipped with 19 LEDs of 40 Watts 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 both FX and WASH versions and added a virtually infinite library of effects.



6 Series - Source
19 RGBW LED

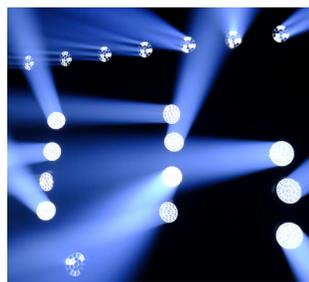
Zoom aperture
4° to 56°

Frontal Lens
19 x 50 mm

Weight
23.2 kg



13,000
lumens



A weathersealed effects luminaire that offers you as much creative potential indoors... as outdoors



The sublime Liquid Effect is simply hypnotic

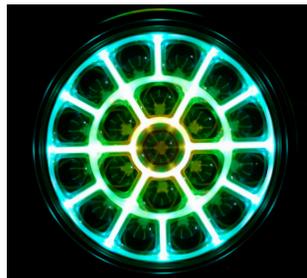
ARGO 6 FX is a versatile fully-equipped luminaire designed for a multitude of applications. It borrows from the main features of the WASH version. It offers continuous rotation of the pan and tilt movement I.R.S.TM.

ARGO 6 FX is equipped with a high-definition liquid effect system enhanced by a translucent honeycomb that can generate complex graphic effects LiquidEffectTM.

It can be used alone or in combination with the main LED matrix. By allowing for more precision and exactness, ARGO 6 FX add a breath of creativity. Rediscover a new sense of pure freedom.



Its translucent honeycomb creates a sublime liquid effect



Colours



Red



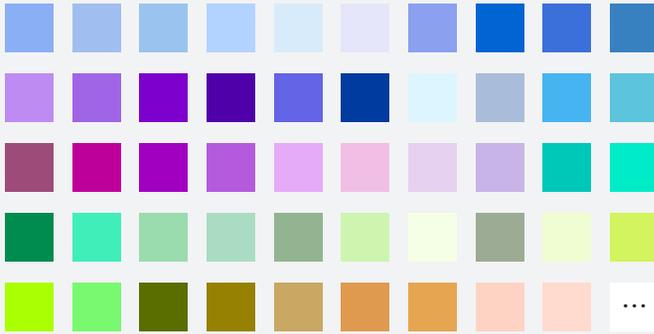
Green



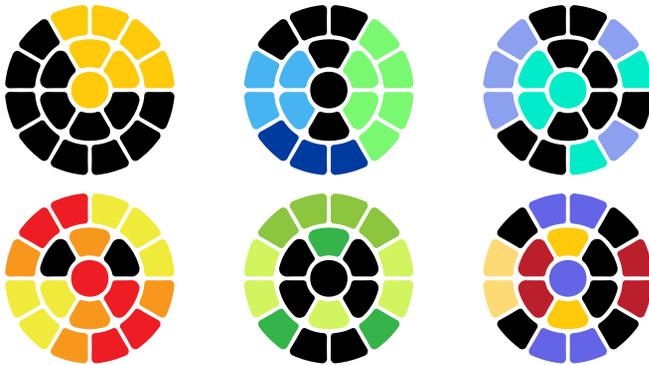
Blue



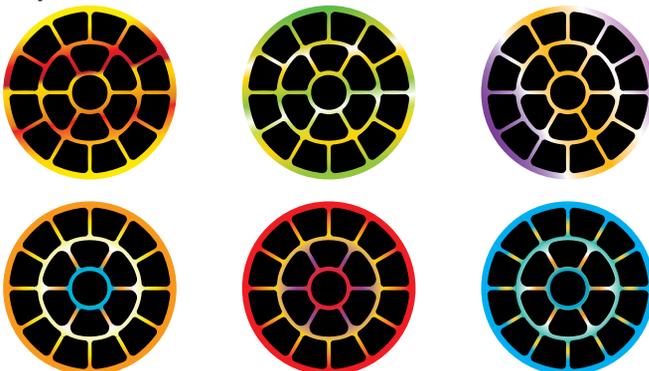
192 Pre-programmed colours



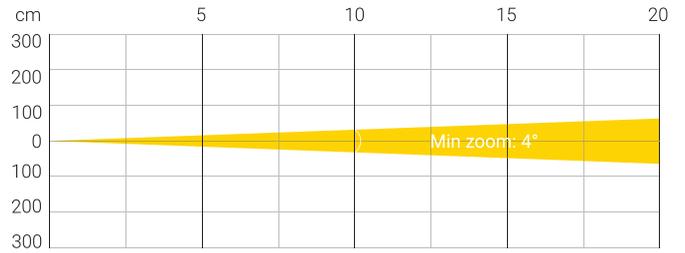
Pixel control



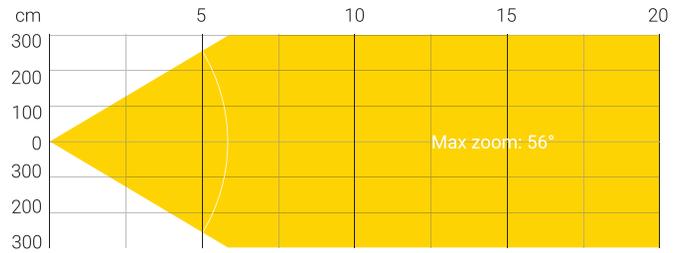
Liquid effect



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	

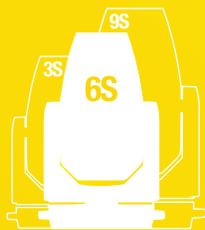
Total Flux	13,110 lm Zoom at 100% (Goniometer, Fan mode AUTO)	
CCT White chip	7600 (±500K)	
Ra White chip	70 (±2)	
TLCI White chip	44	
TM-30 White chip	Rf: 66.8 Rg: 97.4	
Fan Mode	Noise Level (dBA)	Flux (lm)
Auto Mode	47.1	12,900
Stage Mode	52.1	13,110
Silence Mode	40.8	9,200
Super Silence Mode	34.8	6,100

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



AYRTON

Digital Lighting



www.ayrton.eu

09.2023