

# ARGO 6 FX



**AYRTON**  
Digital Lighting

**Lumens****13,000****Kelvin****all****CRI****< 86****Zoom****4° - 56°**

## ARGO 6 FX

019650

## Multi Sources IP65 6 Series

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, and its front window, made of highly resistant and exceptionally transparent polycarbonate with a V-0 protection rating, is designed to ensure optimal visuals. 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. 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°. ARGO 6 FX 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 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.™. ARGO 6 FX is equipped with a high-definition liquid effect system enhanced by a translucent honeycomb that can generate complex graphic effects LiquidEffect™. 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.

## OPTICS

- 2 elements 14:1
- Beam aperture: 4° to 56°
- 19 x 50 mm truncated frontal lens
- 280 mm front lens cluster

## LIGHT SOURCE

- 19 x 1,000 lumens RGBW LED sources
- Luminaire output: up to 13,000 lumens
- CRI: up to 86
- Rated life (L70): up to 40,000 hours
- Flicker free sources

## MOVEMENT

- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movements.
- Pan and tilt automatic repositioning
- Range: infinite pan & tilt

## COLOURS

- Sophisticated 4 colours RGBW mixed
- 4.29 billion colours (8-bit resolution)
- Virtual colour wheel
- Dynamic color macro effect

## EFFECTS

- 2D & 3D graphical effects capabilities
- Built-in pattern effects
- Pixel control
- LiquidEffect™

## DIMMER/STROBE

- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

## HARDWARE FEATURES

- Graphic LCD display with flip function
- 5 menu buttons to set functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 etherCON RJ45 connectors
- IP65 powerCON TRUE1 TOP connector

## CONTROL

- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode Local control panel
- ArtNet™ & sACN protocol
- 3 DMX modes (26 to 127 DMX channels)

## POWER SUPPLY

- 100 to 240 Volts - 50/60Hz
- Power: 800 W maximum

## COOLING SYSTEM

- Advanced cooling system
- Self adjusting variable speed fans
- Selectable ventilation users modes
- Excess-temperature protection

## HOUSING

- Skeleton in aluminium
- Base in die-cast aluminium
- Heatsinks in aluminium
- Moulded covers in ABS PC (V0 class)
- Two sides handles
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

## INSTALLATION

- Two Omega 1/4 turn brackets
- Eight 1/4 turn mounting points
- Safety cable attachment point

## OPERATING PARAMETERS

- Maximum permitted: 45°C (113°F)
- Minimum permitted: -20°C (-4°F)
- Minimum usage distance: 2.0 m (6.56 ft)

## COMPLIANCE

- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573, FCC Part 15, Subpart B: 2018

## SIZE

- Product: 436 x 538 x 293 mm (l x h x d)
- Foam: 485 x 560 x 350 mm (l x h x d)

## WEIGHT

- Product: 22 kg

## PRODUCT CODE

- 019650 : ARGO 6 FX



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[www.ayrton.eu](http://www.ayrton.eu)