



ARGO 6 WASH

FEEL THE FREEDOM

OPTICS

- 2 elements 14:1 zoom high-resolution optic system
- Beam aperture: 4° to 56°
- Fast motorised linear zoom
- 19 truncated edges 50 mm frontal lenses
- 280 mm front lens cluster

LIGHT SOURCE

- 19 x 1,000 lumens RGB+W High-Power LED sources
- Total luminaire output: up to 13,000 lumens
- CRI: up to 86
- Rated life (L70): up to 40,000 hours
- Flicker free sources management, suitable for TV applications and all video recorded events

MOVEMENT

- Extremely accurate positioning
- Moving-head operated via either 8 or 16 bit resolution
- High-resolution stepper motors operated via microprocessors ensure extreme accuracy and smooth movements.
- PAN and TILT automatic repositioning
- Moving-head range: 540° pan & 270° tilt

COLOURS

- Sophisticated 4 colours RGB+W mixed, reaching high Colour Rendering Index
- Uniform light beam with no colour shadows, and rich saturated and pastel colour-hues
- 4.29 billion colours (8 bit resolution)
- Virtual colour wheel, including most usuals white colour temperature presets

EFFECTS

- 2D & 3D graphical effects capabilities
- Effects can be coupled with beam, wash or matrix applications
- Built-in pattern effects with speed and fade controls for scenic applications

DIMMER / STROBE

- Electronic dimmer, allowing perfect light adjustment from 0 to 100% without colour variation
- White or colour strobe effect, with speed adjustment from 1 to 25 flashes per second

SOFTWARE FEATURES

- Local DMX addressing of luminaire and optional parameters through its built-in LCD control panel
- Remote DMX addressing of luminaire and optional parameters through a standard RDM DMX controller
- Information menu including hour counter, temperature, software version

HARDWARE FACILITIES

- Graphic LCD display for addressing and special functions settings, with flip function
- 5 menu buttons to set functions
- Excess temperature protection
- IP65 XLR 5 pin male and female connectors for DMX connection
- IP65 etherCON RJ45 IN / OUT connectors for ArtNet™ connection
- IP65 powerCON TRUE1 IN / OUT connectors for power connection

CONTROL

- DMX 512 protocol, through DMX cable or wireless system
- DMX-RDM compatible
- Stand-alone mode and Master/Slave modes
- ArtNet™ & sACN protocol through Ethernet cable
- Local control panel, with LCD display
- Choice of 3 DMX modes (from 26 to 67 DMX channels)

POWER SUPPLY

- Electronic supply with active PFC
- 100 to 240 Volts - 50/60Hz
- Power: 800 W maximum

COOLING SYSTEM

- Advanced cooling system
- Self adjusting variable speed fans for quiet operation (Auto mode)
- Selectable auto, stage & studio ventilation modes
- Safety protection against temperatures excesses

HOUSING

- Moving-head skeleton made of aluminium and steel metal plates
- Base in die-cast aluminium
- Heatsinks in aluminium
- Moulded covers in self-extinguishing fire retardant ABS PC (V0 class)
- Two sides handles for transportation
- Four heavy-duty feet for better stability
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION

- Fastening brackets system: two Omega 1/4 turn brackets designed for use with standard clamps
- Mounting points: four 1/4 turn locking fittings allowing installation of Omega brackets on luminaire
- Safety cable attachment point

OPERATING PARAMETERS

- Operating positions: all (device on floor or fixed to a support)
- Maximum permitted ambient temperature (Ta max): 45°C (113°F)
- Minimum permitted ambient temperature (Ta min): -20°C (-4°F)
- Minimum usage distance: 2.0 m (6.56 ft)

COMPLIANCE

- EU (EMC & LVD)
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU

US (Safety & EMC)

- UL 1573
- FCC Part 15, Subpart B: 2018

SIZE

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

WEIGHT

- Product: 22 kg

PRODUCT CODES

- 019640: ARGO 6 WASH - IP65 MULTI-SOURCES 6 SERIES

LEGAL

- ARGO is AYRTON registered Trademark
- ARGO is patent pending

PRELIMINARY APRIL 2023

Product shown are for illustration purposes only. Specifications subject to change without notice.

Confidentiality Notice: This document is confidential and contains proprietary information and intellectual property of AYRTON. Neither this document nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of AYRTON. Please be aware that disclosure, copying, distribution or use of this document and the information contained therein is strictly prohibited.



AYRTON
Digital Lighting