

Arianne 6™

If you are looking for a refreshingly simple, no-fuss, robust wash light with superior colour mixing, increased output, and full IP65/66 ingress protection - plus simplified maintenance - the Arianne 6™ is the fixture for you!

**Light source**

19x 55W RGBL LED multichips

**Light output**

90.000 lx @ 5m

**Zoom range**

3.8° - 60°

**Effects**

Ring control, virtual colour wheel, tungsten lamp effect, ScreenPix™ display screen mapping



Without unnecessary complexities such as pixel mapping, layers and background effects, yet upholding Robe's renowned quality, Arianne 6™ delivers all the essential attributes for exceptional wash and beam effects in any environment.

Featuring a 19x 55W RGB Lime LED multichip source, Arianne 6™ produces striking colours, alongside remarkable brightness, delivering over 90.000 lx at 5 m from such a compact chassis. With variable CTO from 1.800K to 10.000K and authentic tungsten lamp emulation for 750W, 1.000W, 1.200W, 2.000W and 2.500W lamps, you're guaranteed outstanding output and improved colour fidelity with a maximum attainable CRI of 86.

A motorized zoom range of 3,8°–60° covers everything from tight, concentrated beams to broad, expansive washes at whatever speed you desire.

Independently controlled inner and outer LED rings unlock striking visual effects. Additionally, eye-candy effects using the fixture display can be generated with ScreenPix™, our multizone RGB control fixture display effect run via macros.

For fast colour selection the DataSwatch™ onboard colour library provides 66 pre-mixed colours and tones, including commonly used whites. Vital in theatrical settings, Robe's advanced L3™ dimming software ensures flawless, imperceptible transitions and fades to black.

To simplify fixture substitution within the Arianne family, a "Series Mode" provides a common personality that can be used across all models, enabling swapping of fixtures without repatching or reprogramming the show.

Simplifying often complicated Ingress Protection procedures, our innovative, self-managing, low-maintenance active RAINS™ patented system ensures reliable outdoor operation even in the harshest conditions. POLAR+™ standby technology ensures instant operation down to minus 50°C.

NFC (Near-Field Communication) technology allows access to setup, diagnostics and performance features, even without power, directly from your mobile device via the Robe Com app.

Broadcast friendly Arianne 6™ contains a full range of console-controlled fan settings; Cpulse™ PWM control for removal of on-screen flicker: and +/- Green content control.

Ideal for installations requiring centralised, remote monitoring of fixture performance, our REAP™ (Robe Ethernet Access Portal) provides remote access to fixture data and diagnostics over Ethernet.

No fuss - All weather wash-beam lighting.

Technical Specification

Source

Light source type: 19 x 55W RGBL multichips
LED life expectancy: min. 50.000 hours
Typical lumen maintenance: L70/B50 @ 50.000 hours
CRI: up to 86

Optical system

Robe's proprietary optical design
High-efficiency zoom optical system, ratio 15.5:1
Zoom range: 3.8° - 60°
Fixture total lumen output:

- 18.000 lm (integrating sphere)
- 14.500 lm (goniophotometer)

Illuminance: up to 90.000 lx @ 5 m
RLCT™ Innovative lens coating technology

Dynamic Effects and Features

Colour mixing mode RGBL or CMY
3 individually controllable segments (2 rings and 1 middle pixel)
White light: Variable CCT 1.800K - 10.000K
+ - Green correction function
DataSwatch™ filters: pre-programmed 66 colours and tones including most used whites 2.700K, 3.200K, 4.200K, 5.600K and 8.000K
Tungsten lamp effect: 750W, 1.000W, 1.200W, 2.000W, 2.500W lamp emulation for whites from 2.700K to 4.200K (red shift and thermal delay)
Motorised exceptionally quiet zoom
Electronic strobe effect with variable speed up to 20 Hz, pre-programmed random strobe & pulse effects
High resolution electronic dimming: 0 - 100%
L3™ - (Low Light Linearity) Imperceptible 18 bit dimming for ultra smooth fade to black
Cpulse™ special flicker-free management for HD and UHD cameras, ready for 8K and 16K
Extremely quiet operation suitable for all types of production in Theatre and TV
POLAR+™ for power saving and instant operation in extremely cold weather conditions
ScreenPix™ - Elevates visual impact with multi-zone RGB control across each fixture display screen - all with intuitive macro control (Patented)

Control and programming

Setting & Addressing: ROBE Navigation System 3 (RNS3)

Display: QVGA Robe screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, built-in analyser for easy fault finding

Protocols: USITT DMX-512, RDM, Art-Net, MA Net, MA Net2, sACN

Wireless CRMX™ technology from Lumen Radio

Epass™: Ethernet pass through switch which sustains Ethernet integrity, when the fixture has no power, to automatically maintain network connectivity

REAP™ - Robe Ethernet Access Portal

RAINS™ (Robe Automatic Ingress Neutralization System) manages humidity, temperature and pressure control using an active monitoring system to automatically remove any moisture detected within the fixture and provides constant monitoring to ensure peak performance

DMX Protocol modes: 3

Control channels: 22, 16, 24

Pan & Tilt resolution: 16 bit

RGBL / CMY: 8 or 16 bit

Zoom: 8 or 16 bit

Dimmer: 8 or 16 bit (internal 18 bit)

Movement

Pan movement: 540°

Tilt movement: 228°

Movement control: Standard and Speed

Controllable speed of Pan & Tilt movement

Automatic Pan & Tilt position correction

Thermal specification

Maximum ambient temperature: 45 °C (113 °F)

Maximum surface temperature: 80 °C (176 °F)

Minimum operating temperature: -50 °C (-58 °F)

Total heat dissipation: max. 2 559 BTU/h (calculated)

Noise Levels

Sound pressure level:

- 19 dB(A) at 1 m (quiet mode)
- 38 dB(A) at 1 m (auto mode)

Sound power level:

- 27 dB(A) (quiet mode)
- 46 dB(A) (auto mode)

Electrical specification and connections

Power supply: Electronic auto-ranging

Input voltage range: 100-240 V, 50/60 Hz

Power consumption: Max. 750 W

Power connector in/out: IP65 Neutrik powerCON TRUE1 in/out

DMX and RDM data in/out: IP65 Locking 5-pin XLR

Ethernet port in/out: IP65 RJ45, for Embedded Epass™ switch 10/100 Mbps

Approvals

CE Compliant

cETLus Compliant

Mechanical specification

Height: 477 mm (18.8") – head in vertical position

Width: 390 mm (15.4")

Depth: 252 mm (9.9")

Weight: 17.8 kg (39.3 lbs)

Ingress protection rating: IP65

Rigging

Mounting positions: Horizontally or vertically

Universal operating position

Mounting points: 2 pairs of 1/4-turn locking points

2x Omega adaptors with 1/4-turn quick locks

Safety cable attachment point

Included items

User Manual

Omega Adaptor CL-regular (2 pcs): 10980033

Power cord including powerCON TRUE1 In connector:

- EU: 13052276-01
- US: 13052277-01

Optional accessories

Top Hat: 10981552

Frost 2° assembled: 10981509

Frost 5° assembled: 10981510

Frost 10° assembled: 10981511

Frost 20° assembled: 10981512

Frost 30° assembled: 10981513

Doughty Trigger Clamp: 17030386

Safety wire 36 kg: 99011963

Film Stand Adaptor: 10981663

IP65 Seetronic cable reducer: 13053925

Single Top Loader Case: 10120273

Quad Top Loader Case: 10120274

Foam Shell: 20020397

Legal

Arianne 6™ is a Trademark of Robe lighting s. r. o.

Arianne 6™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents