

Arianne 2™

The most compact fixture in the Arianne family, Arianne 2™ embodies the range's core ethos of simplicity, durability, and performance. Delivering powerful output, refined colour mixing, and full IP65/66 protection, it is engineered for dependable operation and effortless maintenance in any environment.

**Light source**

7x 55 W RGBL LED multichips

**Light output**

27.000 lx @ 5m

**Zoom range**

3.8° - 55°

**Effects**

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



By eliminating unnecessary complexities such as pixel mapping, layers and background effects, the ultra-fast Arianne 2™ delivers all the essential attributes with Robe quality, for exceptional wash and beam effects in any environment.

Featuring a 7× 55W RGB Lime LED multichip source, Arianne 2™ produces striking colours and remarkable brightness, delivering 27.000 lx at 5 m from its highly compact 11,5 kg chassis. With variable 1.800K to 10.000K CTO and tungsten lamp emulation for lamps 750–2.500W, you're guaranteed outstanding output and improved colour fidelity with a maximum attainable CRI of 86.

A motorized zoom range of 3,8°–55° enable seamless transitions from tight, concentrated beams to broad, expansive washes.

Independently controlled inner and outer LED rings unlock striking visual effects. Providing a separate effects source, ScreenPix™ transforms the fixture display into a macro-controlled 12-pixel RGB element, unlocking further creative possibilities.

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

For fast fixture substitution within the Arianne family, a "Series Mode" provides a common personality, enabling seamless swapping of Arianne's without repatching or reprogramming the show.

To maintain peak outdoors performance, the patented RAINS[™] system automatically manages and monitors humidity, temperature, and pressure. A quick self-pressure test (under 3 minutes) confirms correct assembly and pressurisation for maximum protection - no specialised tools required.

POLAR+[™] technology offers a special low-power standby mode, keeping sensors and communications active, ensuring 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.

Arianne 2[™] features a full range of console-controlled fan settings, Cpulse[™] PWM control to remove on-screen flicker, and +/- Green content control, perfect for broadcast applications.

For centralised remote monitoring of installations, 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: 7 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 15:1

Zoom range: 3.8° - 55°

Fixture total lumen output:

- 7.500 lm (integrating sphere)
- 6.000 lm (goniophotometer)

Illuminance: 27.000 lx @ 5 m

RLCT™ Innovative lens coating technology

Dynamic Effects and Features

Colour mixing mode RGBL or CMY

White light: Variable CCT 1.800K - 10.000K

2 individually controllable segments (1 ring and 1 middle pixel)

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

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, NFC app controller

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: 8 or 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. 1126 BTU/h (calculated)

Electrical specification and connections

Power supply: Electronic auto-ranging

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

Power consumption: Max. 330 W

Power connector in/out: IP65 TRUE1 compatible

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: 418 mm (16.5")

Width: 295 mm (11.6")

Depth: 213 mm (8.4")

Weight: 11.5 kg (25.35 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

Power cord powerCON TRUE1 In connector:

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

Optional accessories

Safety wire 36 kg: 99011963

Mains Cable powerCON In/Open ended, 2m, EU: 13052276

Mains Cable powerCON TRUE1 In/Open ended, 2m, US: 13052277

Daisy Chain PowerCON TRUE1 In/Out, EU, 0,75m: 13052278

Daisy Chain PowerCON TRUE1 In/Out, US, 0,75m: 13052279

Daisy Chain PowerCON TRUE1 In/Out, EU, 2m: 13052280

Daisy Chain PowerCON TRUE1 In/Out, US, 2m: 13052281

IP65 Seetronic cable reducer: 13053925

Top Hat

Concentric rings

Single Top Loader Case: 10120412

Quad Top Loader Case: 10120413

Eight-Pack Top Loader Case: 10120414

Foam Shell: 20020554

Legal

Arianne 2™ is a Trademark of Robe lighting s. r. o.

Arianne 2™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents