



## KARIF-LT

011170

### Classical 3 Series

KARIF is a versatile new fixture in the «LT» (Long Throw) series, adding to the AYRTON product offering for long-distance applications. This is a machine with phenomenal powers capable of delivering stunning visual effects. An ultra-compact 300 W beam-spot luminaire equipped with a 168 mm frontal lens, KARIF offers an astronomical zoom ratio of 17:1 and a zoom range of 2.8° to 49°. To achieve an ultra-intense beam with an LED source, AYRTON uses an entirely new miniaturised high-efficiency low-etendue compact LED module. Calibrated at 8500 K, it can generate powerful metallic white light and deep, vivid colours suitable for this type of application. KARIF provides overall output of 13,000 lumens at a colour temperature of 7500 K. In this first hybrid LED luminaire, AYRTON has added continuous rotation to its panoramic movement to expand the possibilities for creating complex special effects.

KARIF offers full-featured standard equipment including a CMY colour mixing system and a multi-position colour wheel with a variable CTO, seven colour-temperature correction filters, and six complementary colour filters on two concentric circles (patent pending). The effect section includes one wheel with nine interchangeable rotating HD glass gobos. For KARIF-LT to reproduce multiple images, AYRTON has developed a totally new wheel of fixed multi-position gobos with instant access to 19 HD glass gobos and 20 metal gobos on three concentric circles (patent pending). KARIF is also equipped with a bi-directional continuous dynamic effects wheel. The prism effect system comprising four individually combinable prisms, coupled with 48 fixed and rotating gobos and an ultra-intense beam, can create unusual and spectacular kaleidoscopic effects.

#### OPTICS

- 13-element 17:1 zoom
- Beam aperture: 2.8° to 49°
- 168 mm frontal lens

#### LIGHT SOURCE

- 20,000 lumens 8500 K light engine
- Luminaire output: up to 13,000 lumens
- Colour temperature output: 7500 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source

#### MOVEMENT

- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt with automatic repositioning
- Range: infinite rotation (pan), 270° (tilt)

#### COLOURS

- Sophisticated CMY colour mixing
- Variable CTO
- 7 colour temperature correction and 6 complementary colours

#### GOBOS

- 9 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- 19 fixed HD glass gobos & 20 metal gobos including 5 beam reducers
- Gobo diameter: 18.0 mm
- Image diameter: 13.0 mm
- Gobo thickness: 1.1 mm

#### FROST

- 2 frost filters: one light, one heavy

#### PRISM

- 4 combinable rotating prisms
- Continuous rotation in both directions

#### EFFECTS

- Focusable graphic animation effect-wheel
- Continuous rotation in both directions
- Sparkle effect: speed and fade adjustment

#### DIMMER / STROBE

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

#### HARDWARE FEATURES

- Graphic LCD display with flip function
- Clicking jog wheel to set functions
- Integrated LumenRadio™ receiver
- XLR 5 pin connectors
- powerCON TRUE1 connectors

#### CONTROL

- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- 3 DMX modes (32 to 46 DMX channels)

#### POWER SUPPLY

- 100 to 240 Volts – 50/60 Hz
- Power: 550 W maximum

#### COOLING SYSTEM

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

#### HOUSING

- Skeleton in aluminium and steel plates
- Base in die-cast aluminium
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP20 protection rating
- Exterior finish: black (Carbon)

#### INSTALLATION

- Two Omega ¼ turn brackets
- Four ¼ turn mounting points
- Safety cable attachment point

#### OPERATING PARAMETERS

- Maximum temperature: 45 °C (113 °F)
- Minimum temperature: -10 °C (14 °F)
- Minimum usage distance: 2 m (6.56 ft)

#### COMPLIANCE

- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety UL 1573

#### SIZE

- Product: 365 x 633 x 212 mm (l x h x d)
- Foam: 430 x 660 x 280 mm (l x h x d)

#### WEIGHT

- Product: 27 kg

#### PRODUCT CODE

- 011170: KARIF-LT