



KARIF LT

THE CREATIVE WIZARD

OPTICS

- 13-element 17:1 zoom high-resolution optic system
- Beam aperture: 2.8° to 47°
- Fast motorised linear zoom
- Tempered anti-reflective coated lenses
- 168 mm frontal lens for greater performance

LIGHT SOURCE

- 20,000 lumens, 8000 K white-light engine
- Total luminaire output: up to 14,000 lumens
- Colour temperature output: 7000 K
- CRI: greater than 70
- Rated source life: up to 40,000 hours
- Flicker-free source management suitable for TV applications and all video-recorded events

MOVEMENT

- Highly accurate positioning
- Moving-head operated with either 8- or 16-bit resolution
- High-resolution stepper motors operated via microprocessors to ensure extreme accuracy and smooth movement
- Pan and tilt automatic repositioning
- Moving-head range: infinite rotation (pan), 263° (tilt)

COLOURS

- Sophisticated colour mix system providing CMY colour mixing
- Fixed colour wheel with progressive CTO, 4 colour temperature correction and 9 complementary colours

GOBOS

- Indexable rotating gobo wheel with 9 HD glass gobos, plus open position
- Adjustable-speed rotating gobo in both directions
- Rotating Gobo diameter: 18.0 mm
- Fixed multi-position gobo wheel with instant access to 19 HD glass gobos and 20 metal gobos on three concentric circles (patent pending).
- Fixed & rotating gobo image diameter: 13.0 mm

FROST

- 2 frost filters: one light, one heavy

EFFECTS

- Graphic animation effect-wheel with bi-directional continuous rotation
- Prism effect system comprising four combinable rotating prisms

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 FEATURES

- Graphic LCD display for addressing and special functions settings, with flip function
- Clicking jog wheel to set functions
- Excess temperature protection
- Integrated wireless CRMX TiMo™ RDM receiver from LumenRadio™
- XLR 5-pin male and female connectors for DMX connection
- PowerCON TRUE1 male and female connectors for power connection

CONTROL

- DMX 512 protocol, through DMX cable or a wireless system
- DMX-RDM compatible
- Stand-alone mode and Main/Follow modes
- Local control panel, with LCD display
- Choice of 3 DMX modes (from 32 to 46 DMX channels)

POWER SUPPLY

- Electronic supply with active PFC
- 100 to 240 Volts – 50/60Hz
- Power: 550 W maximum

COOLING SYSTEM

- Advanced liquid cooling system
- Self-adjusting variable speed fans for quiet operation (Auto mode)
- Selectable ventilation user modes including a new Silent Mode
- Safety protection against temperatures excesses

HOUSING

- Moving-head skeleton made of aluminium and steel metal plates
- Base in die-cast aluminium
- Aluminium and copper heatsinks
- Moulded covers in self-extinguishing fire-retardant ABS PC (V0 class)
- Two-side handles for transportation
- Four heavy-duty feet for better stability
- IP20 protection rating
- Exterior finish: black (carbon)

INSTALLATION

- Fastening-bracket system: two Omega ¼ turn brackets designed for use with standard clamps
- Mounting points: four ¼ 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): -10° C (14° F)
- Minimum usage distance: 2 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

Substance regulations

- RoHS
- REACH
- CP65

SIZE

- Product: 365 x 622 x 212 mm (l x h x d)
- Flight-case foam: 430 x 660 x 280 mm (l x h x d)

WEIGHT

- Product: 27 kg

PRODUCT CODES

- 011170: KARIF LT - CLASSICAL 3 SERIES

LEGAL

- KARIF is AYRTON registered Trademark
- KARIF is a patented model