



KARIF

13,000 LUMENS

300 W SPOT LUMINAIRE

OPTICS

- 13-element 14:1 zoom high-resolution optic system
- Beam aperture: 3° to 45°
- Fast motorised linear zoom
- Tempered anti-reflective coated lenses
- 168 mm frontal lens for greater performance

LIGHT SOURCE

- 20,000 lumen, 8500 K white-light engine
- Total 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 management suitable for TV applications and all video-recorded events

MOVEMENT

- Extremely 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 pan, 270° (tilt)

COLOURS

- Sophisticated colour mix system providing CMY colour mixing
- Fixed colour wheel with 13 complementary colours including progressive CTO

GOBOS

- Indexable rotating gobo wheel with 9 high-precision glass gobos, plus open position
- Adjustable-speed rotating gobo in both directions
- Fixed gobo wheel with 39 high-precision glass gobos, plus open position
- Gobo diameter: 18.0 mm
- Image diameter: 13.0 mm

FROST

- Heavy frost filter
- Light frost filter

EFFECTS

- Graphic animation effect-wheel with continuous rotation in both directions
- 4 combinable prisms
- Sparkle effect: dynamic animation effect with speed and fade adjustment

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 a 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 Master/Slave modes
- Local control panel, with LCD display
- Choice of 3 DMX modes (from 31 to 43 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 (T_a max): 45° C (113° F)
- Minimum permitted ambient temperature (T_a min): -10° C (14° F)
- Minimum usage distance: 1.5 m (4.92 ft)

COMPLIANCE

- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU

SIZE

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

WEIGHT

- Product: 23.8 kg

PRODUCT CODES

- 011170: KARIF-LT SPOT LUMINAIRE

LEGAL

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

PRELIMINARY JANUARY 2020

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