

ROLLAPIX



AYRTON
Digital Lighting

ROLLAPIX AUTOMATED LUMINAIRES

ROLLAPIX™ is the first motorised linear LED luminaire fitted with a 4:1 double zoom system. This new generation of luminaires was designed for the entertainment industry in collaboration with a famous french lighting designer and it offers all the new features of 4G technology. The distinctive characteristic of the ROLLAPIX™ is to integrate 8 independent 10 Watt RGBW LED teamed with two zoom systems, which can be controlled separately in order to create a multitude of diverse effects. A concept set by AYRTON™ as a standard for lighting performance: the constant colour management, to ensure steady colours whatever the duration of use of a luminaire would be. Controlling the brightness by accurately driving the LED, light output management becomes more than a necessity: a standard.



The motorisation of the tilt axis allows the addition of numerous options to this luminaire, such as the creation of partitions, barriers or mobile virtual doors. The broad zoom range of each LED group enhances the visual effect of the appearance and fading of light when it materialises in the fog.

Numerous pre-programmed dynamic effects are available in the internal memory, which can be combined with colour macros. The ROLLAPIX™ is the ideal tool for the creation of virtual lighting décors or for showing off actual architectural constructions on stage.





OPTICS

- 2 separate motorized linear zoom system, ratio 4:1
- Beam aperture: 8° to 32°
- 75% optic efficiency
- High-efficiency 45 mm PMMA optics

LIGHT SOURCE

- 8 multi-chip 10 Watt LED sources
- Light output: up to 2,500 lumen
- Luminous intensity: 100,000 cd
- Rated sources life: up to 50,000 hours
- Flicker free sources management, suitable for TV applications and all video recorded events

MOVEMENT

- Extremely accurate positioning
- Moving-bar operated via either 8 or 16 bit resolution
- High-resolution stepper motor operated via microprocessor ensure extreme accuracy and smooth movement.
- TILT automatic repositioning
- Moving-bar range: 270° (TILT)

COLOURS

- Sophisticated 4 colours RGBW mixed, reaching high Colour Rendering Index
- Uniform light beam with no colour shadows, and rich saturated and pastel colour-hues
- 4.29 billion colours (8 bit resolution)
- Virtual colour wheel, including most usuals white colour temperature presets
- Dynamic colour macro effect with variable speed

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 FACILITIES

- Local DMX addressing of the luminaire and its optional parameters through its built-in LCD panel control
- Remote DMX addressing of the luminaire and its optional parameters through a standard RDM DMX controller
- Constant colour system, whatever the internal/external temperature conditions
- 2 light modes, optimized for architectural or entertainment applications
- Built-in pattern effects with speed and fade controls for scenic applications
- Information menu including hour counter, temperature, software version

HARDWARE FACILITIES

- Graphic LCD display for addressing and special functions settings, with flip function
- 5 menu buttons to set the functions
- Over temperature protection
- XLR 5 pin male and female connectors for DMX connection
- PowerCON male and female connectors for power connection

CONTROL

- DMX 512 protocol, through DMX cable
- DMX-RDM compatible
- Stand-alone mode and Master/Slave modes
- Local control panel, with LCD display
- Choice of 9 DMX modes (from 6 to 45 DMX channels)

POWER SUPPLY

- Electronic supply with active PFC
- 110 to 240 Volts - 50/60Hz
- Power 120 Watt max

COOLING SYSTEM

- Natural air-flow (moving-bar) and forced air convection (base)
- Self adjusting variable speed fans for quiet operation (Auto Mode)
- Selectable ventilation user's modes
- Safety protection against temperatures excesses

HOUSING

- Moving-bar skeleton made of aluminium and steel metal plates
- Moving-bar and main body in extruded anodized aluminium profile
- Heatsinks in aluminium, satin finish
- Moulded covers in self-extinguishing fire retardant ABS PC (VO class)
- Front glass in tempered glass
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION

- Fastening brackets 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 projector
- 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: 0.2 m (8 inches)

COMPLIANCE

EU (EMC)

- EN 55015 (2006) - EN 55015 A2 (2009)
- EN 61547 (2009) - EN 61000-3-2 (2006)
- EN 61000-3-2 A2 (2009) - EN 61000-3-3 (2008)

EU (LVD)

- EN 60598-1 (2008) - EN 60598-2-17 (1989)
- EN 60598-2-17 A2 (1991)

SIZE

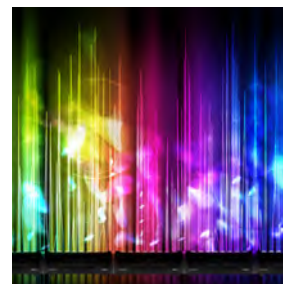
- Product: 617 x 220 x 167 mm (l x h x d)
- Flight-case foam: 680 x 230 x 230 mm (l x h x d)

WEIGHT

- Product: 9.5 KG

PRODUCT CODES

- 014250: ROLLAPIX AUTOMATED LUMINAIRE





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www.ayrton.eu