



wildSun⁵⁰⁰



AYRTON

Light in action

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WILDSUN 500 "C" LED MOVING-HEAD LUMINAIRE

WILDSUN 500 "C": First-born in a family of multi-purpose LED luminaires. Version "C" of the WILDSUN 500 was developed for lighting designers who prefer the quality and density of the emitted light. It provides the option to create an endless palette of rich pastels or saturated colours whose primary goal is colour reproduction. The white component of the LED, deliberately chosen at the centre of the spectrum (4000K), offers a wide range of applications, particularly in the reproduction of warm shades.



WILDSUN 500 "C" is equipped with 31 13-Watt LED modules fitted with 45-mm high-output optics,

all combined with a sophisticated and particularly noiseless cooling system. All these optimisations allow the WILDSUN 500 "C" to generate overall luminous flux in excess of 10,000 lumen. Each LED light-ring can be controlled individually in expanded FULL COLOUR mode (RGBW). Numerous pre-programmed effects are available in the internal memory, which can be combined with multiple reproduction modes and colour macros. This luminaire has been selected by numerous designers and directors of photography for its light quality.





OPTICS

- Motorized linear zoom system, ratio 4:1
- Beam aperture: 11° to 45°
- 75% optic efficiency
- High-efficiency 45mm PMMA secondary optics

LIGHT SOURCE

- 31 Multi-chip High-Power LED sources
- Light output: up to 10.000 lumen
- Rated Sources life: up to 50.000 hours
- Flicker free sources Management, convenient for TV applications and all video recorded events

MOVEMENT

- Extremely accurate positioning
- Moving-head operated via either 8 or 16 bit resolution
- High-resolution stepper motors operated via microprocessors ensure extreme accuracy and smooth movements.
- PAN and TILT automatic repositioning
- Moving-head range : 540° (PAN), 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 Color Wheel, including most usuals White Color 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 projector and its Optional Parameters through its built-in LCD panel control
- Remote DMX Addressing of the projector and its Optional Parameters through a standard RDM DMX controller
- 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 3 pin and XLR 5 pin male and female connectors for DMX connections

CONTROL

- DMX 512 protocol, through DMX cable
- Stand-alone Mode and Master/Slave Modes
- DMX RDM compatible
- Local control panel, with LCD display and 5 buttons

- DMX 512 Input / Output through XLR5 connectors
- Waterproof lockable connectors to XLR5 connectors DMX adapters (IN / OUT) included
- Choice of 3 DMX Modes (from 17 to 49 DMX channels)

POWER SUPPLY

- Electronic supply with active PFC
- 110 to 240 Volts - 50/60Hz
- Power 450 Watt max

COOLING SYSTEM

- Advanced ventilation cooling system based on Heatpipe technology
- Self adjusting variable speed fans for quiet operation (Fan Auto Mode)
- Selectable ventilation User's Modes
- Safety protection against temperatures excesses

HOUSING

- Moving-Head skeleton made of Aluminium and Steel metal plates
- Heatshinks in aluminium and copper, satin finish
- Heatshinks cover in die-cast aluminium
- Moulded covers in Self-extinguishing fire retardant ABS PC (V0 class)
- Front glass in high transparent Polycarbonate (V0 class)
- Two sides handles for transportation
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION

- Fastening brackets system: two Omega 1/4 turn brackets designed for use with standard clamps
- Mounting points: four 1/4 turn locking fittings allowing two different 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 authorised (Ta min): -10°C (14°F)
- Minimum usage distance: 0.2 m (8 inches)

COMPLIANCE

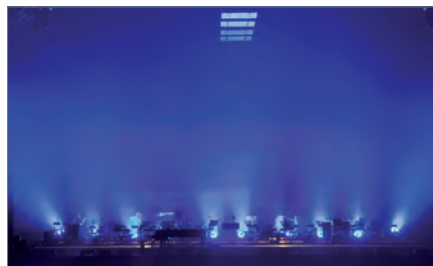
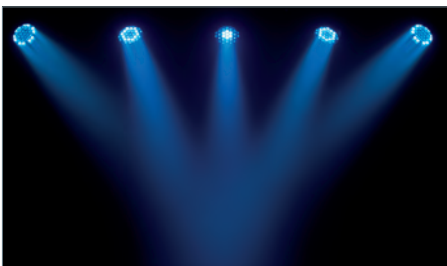
- EU (EMC):
 - EN 55015 (2006) - EN 55015 A2 (2009)
 - EN 61547 (2009) - EN 61000-3-2 (2006)
 - EN 61000-3-2 A2 (2009) - EN 61000-3-3 (2008)
- EU (LVD):
 - EN 60598-1 (2008) - EN 60598-2-17 (1989)
 - EN 60598-2-17 A2 (1991)

SIZE

- Product: 435 x 555 x 300 mm (l x h x d)
- Flight-case Foam : 510 x 560 x 370 mm (l x h x d)

WEIGHT

- Product: 22 KG



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