

WILDSUN-K25



AYRTON
Digital Lighting

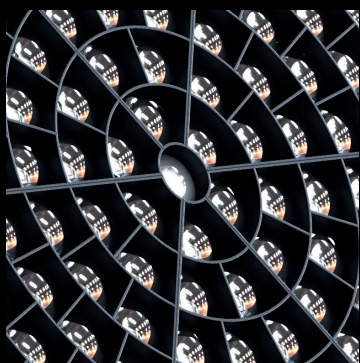
WILDSUN-K25 AUTOMATED LUMINAIRES

The WILDSUN™K25 is a new-generation moving head luminaire unequalled on the market. In collaboration with cinematographers and operators specialized in the video production of major sporting events, AYRTON™ dedicated over two years developing and perfecting this marvel of technology, innovation, and light. The WILDSUN™K25 is the only LED luminaire capable of measuring up to the classic Fresnel HMI 4,000 and 6,000 lights in terms of pure output.

Fitted with 217 LED emitters, this luminaire offers a luminous flux of over 100,000 lumen, requiring no eventual lamp replacement. AYRTON™ developed special silicone-based high-output optics for this projector, ensuring perfect stability over time.



The WILDSUN™K25 features powerful tri-phase stepper motors that allow fast, accurate and silent positioning. Its optical zoom has a 6:1 ratio with a zoom range of 10° to 60°. The precision electronic dimming function can be fine-tuned with significant flexibility. The light output is equipped with a honeycomb filter to prevent glare. The user can control each concentric circle individually to adjust the luminaire's power accordingly. The WILDSUN™K25 offers a high level of illumination at an even range. It is the perfect lighting solution for large venues, such as permanent or temporary arenas and stadiums dedicated to sports or other major events.





OPTICS

- Motorized linear zoom system, ratio 6:1
- Beam aperture: 10° to 60°
- High-efficiency optical system

LIGHT SOURCE

- 217 mono-chip 15 Watt LED sources
- Light output: up to 100,000 lumen
- Luminous intensity: 5,400,000 cd (narrow angle)
- 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-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

- Monochromatic daylight source perfectly calibrated at 7,800K

DIMMER / STROBE

- Electronic dimmer, allowing perfect light adjustment from 0 to 100%
- 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
- Eight LED concentric circles to adapt light output depending of use
- Information menu including hour counter, temperature, software version

HARDWARE FACILITIES

- Graphic LCD display for addressing and special functions settings, with flip function
- 6 menu buttons to set the functions
- Over temperature protection
- Integrated LumenRadio's wireless CRMx TiMo RDM receiver
- XLR 5 pin male and female connectors for DMX connection
- Ethercon RJ45 IN / OUT connectors for ArtNet & sACN connection
- PowerCON TRUE1 male connector for power connection

CONTROL

- DMX 512 protocol, through DMX cable or wireless system
- DMX-RDM compatible
- Stand-alone mode and Master/Slave modes
- ArtNet & sACN protocol through Ethernet cable
- Local control panel, with LCD display
- Choice of 3 DMX modes (from 11 to 22 DMX channels)

POWER SUPPLY

- Electronic supply with active PFC
- 207 to 240 Volts - 50/60Hz
- Power 2,750 Watt max

COOLING SYSTEM

- Advanced cooling system based on heatpipe technology
- Self adjusting variable speed fans for quiet operation (Auto mode)
- Selectable auto, stage & studio ventilation modes
- Safety protection against temperatures excesses

HOUSING

- Moving-head skeleton made of aluminium and steel metal plates
- Heatsinks in aluminium and copper, satin finish
- Moulded covers in self-extinguishing fire retardant ABS PC (V0 class)
- Two sides handles for transportation
- Four strong wide feet for better stability
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION

- Fastening brackets system: two Omega ¼ turn brackets designed for use with standard clamps
- Mounting points: eight 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: 5 m (16.4 ft)

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

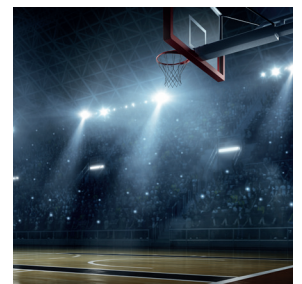
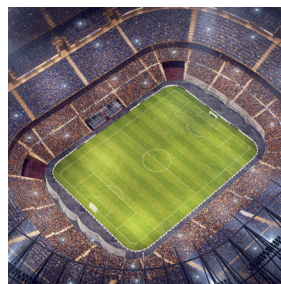
- Product: 539 x 696 x 348 mm (l x h x d)
- Flight-case foam: 600 x 720 x 410 mm (l x h x d)

WEIGHT

- Product: 38.0 KG

PRODUCT CODES

- 013820: WILDSUN-K2S AUTOMATED LUMINAIRE





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www.ayrton.eu