

WILDSUN-S25



AYRTON
Digital Lighting

WILDSUN-S25 AUTOMATED LUMINAIRES

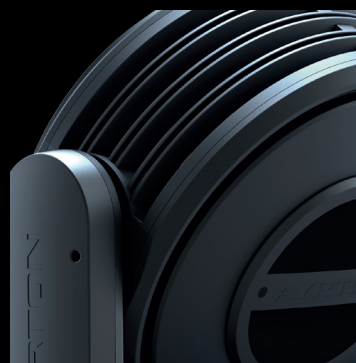
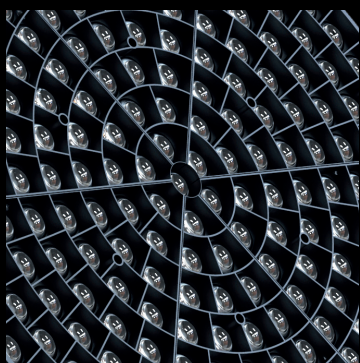
WILDSUN™S25 is the full colour variation on the powerful WILDSUN™K25 luminaire. Equipped with 217 ultra-powerful RGBW mono-chip LED emitters, this technologically innovative marvel is the most powerful moving-head LED wash fixture on the market today.

With overall light output of 60,000 lumen, it rivals the 2,500 and 4,000 Watt HMI luminaires fitted with colour filters, but with far greater flexibility of use and lower maintenance. Its four-colour mixing is based on an ingenious arrangement of emitters combined with a holographic filter, which creates an infinite palette of pastels and saturated colours. LED emitters are distributed over six 60° segments. Colours in each 36-diode segment can be controlled individually.



The proprietary, silicone-based, high-output 6:1 optical zoom ensures perfect colour stability over time, with a zoom range of 10° to 60°. The transmitting lens is equipped with an integrated honeycomb “egg crate” louver to prevent unwanted off-axis glare.

Powerful tri-phase stepper motors drive the pan and tilt axes to allow fast, accurate and silent positioning. WILDSUN™S25 is equipped with serial connectivity and can be controlled using DMX-RDM, ArtNet™, sACN or wireless CRMX TiMo RDM from LumenRadio™.





OPTICS

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

LIGHT SOURCE

- 217 mono-chip High-Power LED sources
- Light output: up to 60,000 lumen
- Luminous intensity: 3,240,000 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

- RGBW colour mixing system combined with holographic filter
- Uniform light beam providing 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%
- 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 14 to 38 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: 3 m (9.84 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

- 013840: WILDUN-S25 AUTOMATED LUMINAIRE





AYRTON

Digital Lighting

www.ayrton.eu