

# WILDSUN-S25



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 lumens, 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

## OPTICS

- 6:1 zoom high-resolution optic system
- Beam aperture: 10° to 60°
- Fast motorised linear zoom
- 408 mm front lenses cluster

## LIGHT SOURCE

- 217 x 600 lumens RGBW High-Power LED sources
- Light output: up to 60,000 lumens
- Rated life (L70): up to 40,000 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 with 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 colour wheel, including most usuals white colour temperature presets
- Dynamic colour macro effect with variable speed

## EFFECTS

- Graphical effects capabilities
- Effects can be coupled with beam, wash or matrix applications
- Built-in pattern effects with speed and fade controls for scenic applications

## 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 its 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

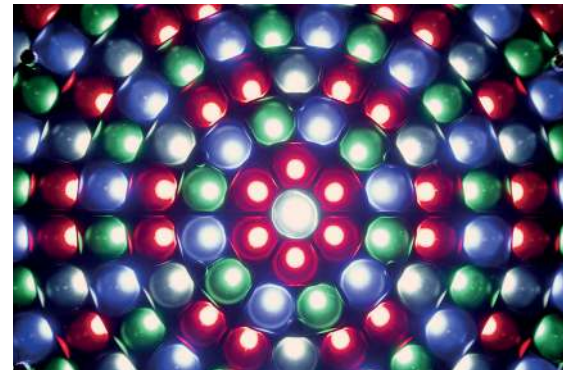
## HARDWARE FEATURES

- Graphic LCD display for addressing and special functions settings, with flip function
- 6 menu buttons to set the functions
- Excess temperature protection
- Integrated wireless CRMX TiMo™ RDM receiver from LumenRadio™
- XLR 5 pin male and female connectors for DMX connection
- Ethercon RJ45 IN / OUT connectors for ArtNet™ connection
- PowerCON 32A male connector for power connection

# 2,750W Wash luminaire

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™.



## 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 heavy-duty 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: 3.0 m (9.84 ft)

## COMPLIANCE

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

## SIZE

- Product: 547 x 702 x 348 mm (l x h x d)
- Flight-case Foam : 627 x 725 x 414 mm (l x h x d)

## WEIGHT

- Product: 38.0 KG

## PRODUCT CODES

- 013840 : WILDSUN S25 WASH LUMINAIRE

## LEGAL

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