

# WILDSUN K9 WASH

The wild side of the sun



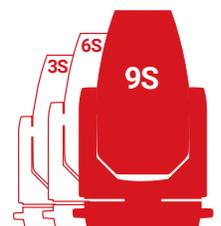
**AYRTON**

Digital Lighting



## **WILDSUN K9 WASH** **The wild side of the sun**

The sun is a star that fascinates and inspires us. It sets our rhythm... brightens our life and highlights our most memorable moments. Ayrton's new wash luminaire is a powerhouse that reproduces colour perfectly.



**T**he WILDSUN K9 WASH renders the colour and grain of skin impeccably, as well as the textures and surfaces of materials... A high-end luminaire ideal for TV studios, sports events, fashion shows, trade fairs, and exhibitions.

A wash light that is simply wild.

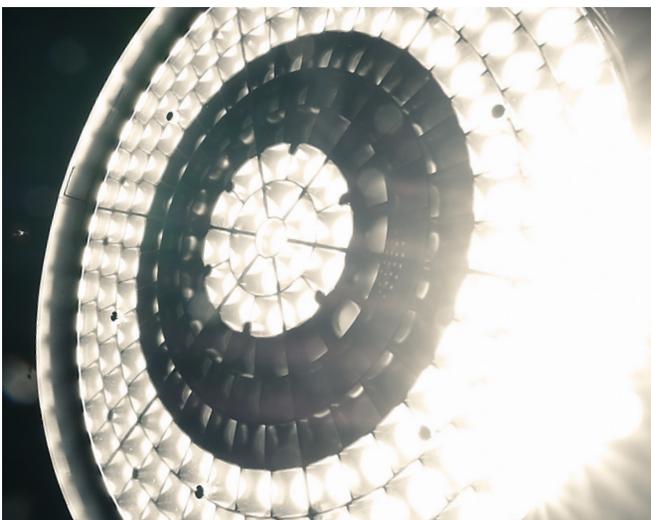
Everything has been miniaturized, except its performances! WILDSUN K9 WASH is a highly evolved version of the WILDSUN K25 TC. With a brand new sleek design and a visual footprint 20% smaller, its weight has been drastically reduced by 25%, allowing for better integration.



## WILDSUN K9 WASH produces white light of the highest quality

The WILDSUN K9 WASH draws its power from 217 high-efficiency LED sources. The total flux of over 60,000 lumens rivals the output of conventional Fresnel HMI 4000 lights... without the disadvantages! It consumes four times less energy and does not require lamp replacement.

Producing high-quality light without flickering, this luminaire can achieve a colour temperature perfectly calibrated at 5700 Kelvin and a colour rendering index greater than 92.



**384 mm**  
Front lens cluster





Visual footprint **20% smaller**

### Reinvented and even wilder

Its proprietary optical zoom has a 6-to-1 ratio with a zoom range of 10 to 60 degrees. The high-efficiency silicone-based optical system guarantees perfect stability over time.

The light output system is equipped with a protective holographic filter in polycarbonate and a honeycomb system to prevent glare. You can control each concentric circle of the WILDSON K9 WASH individually to adjust the luminaire's power and beam size accordingly or, for stage lighting, create dynamic effects. There is a strobe effect with speed control from 1 to 25 flashes per second.



9 Series - Source

**217 High-Power LED**

Zoom aperture

**10° to 60°**

Frontal lens cluster

**384 mm**

Weight

**26.9 kg**



**63,000 lumens**



Colour rendering index  
**greater than 92**



## The quintessence of technology, elegance and efficiency

In addition, AYRTON has developed an entirely new 1,400-Watt power supply fully integrated into a space with 30% less volume than in other luminaires of its category.

Like its predecessor, the WILDSUN K9 WASH is extremely fast, precise and quiet thanks to powerful three-phase stepper motors.

WILDSUN K9 WASH has an extremely efficient phase-change liquid cooling system using a heat pipe that includes a particularly effective ultra-silent ventilation mode.

WILDSUN K9 WASH offers the highest efficiency and weight-to-power ratio on the market. A powerful and robust luminaire that is remarkably convenient to use.

The ideal fixture for major events and shows, TV studios, concert halls, and arenas.

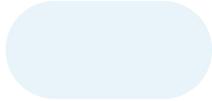


**7 concentric  
circles**

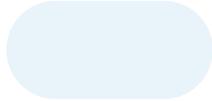




### Colours



5700 K



CRI 92

Light frost



Dimmer



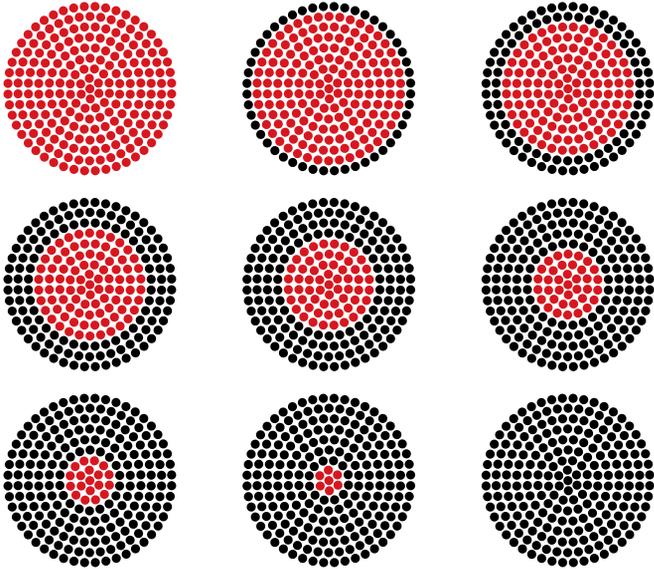
0 to 100 %

Strobe

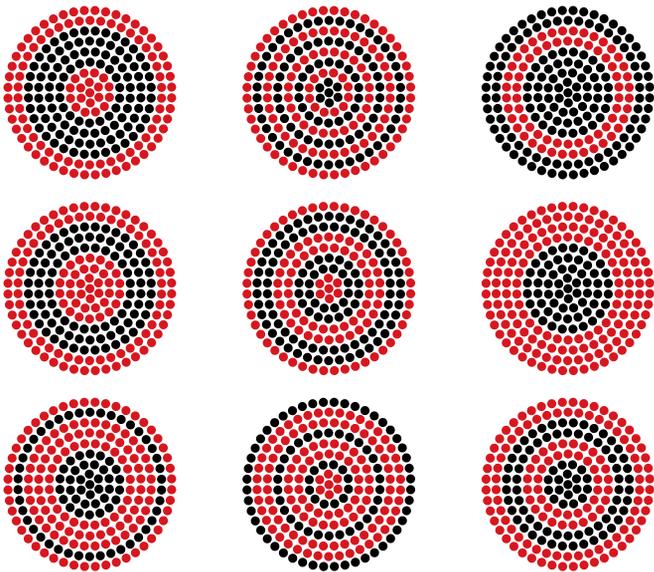


1 to 25 fl./sec.

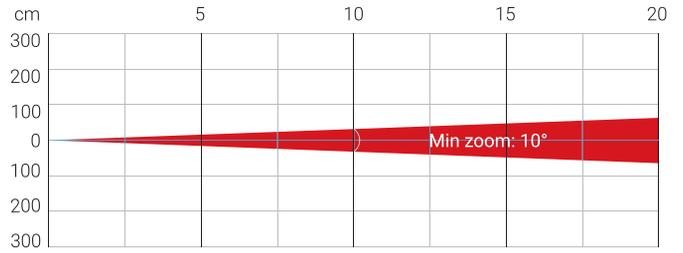
### Beam size adjustment



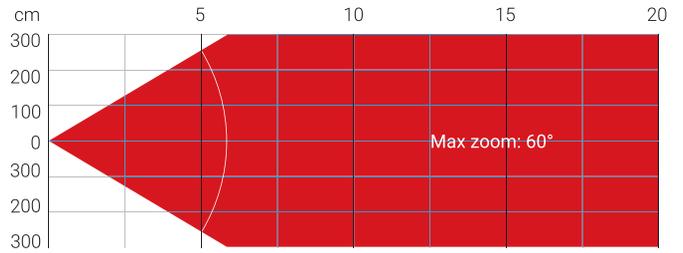
### Dynamic concentric effects



### Photometry



Distance (m)	5		10		15		20	
Unit	lux	Ø	lux	Ø	lux	Ø	lux	Ø
RGB+W	73115	0.35	18279	0.7	8124	1.05	4570	1.4



Distance (m)	5		10		15		20	
Unit	lux	Ø	lux	Ø	lux	Ø	lux	Ø
RGB+W	7337	5.5	1834	11.1	815	16.6	459	22.2

Total Flux	62419 lm (Gonyometer, fan mode Stage, wide zoom)	
CCT White chip	5700 (±500K)	
Ra White chip	90 (±2)	
TLCI White chip	97	
TM-30 White chip	Rf: 91.7 Rg: 99.7	
Fan Mode	Noise Level (dBA)	Flux (lm)
Auto Mode	44	59572
Stage Mode	49	62419
Silence Mode	38	32449
Super Silence Mode	35	16433

Note: noise measured at 1m distance, static status, ambient 31dBA

## OPTICS

- 1 element 5:1 zoom high-resolution optic system
- Beam aperture: 10° to 60°
- Fast motorised linear zoom
- 217 individual lenses
- 384 mm front lens cluster

## LIGHT SOURCE

- 217 mono-chip High-Power LED sources
- Total luminaire output: up to 63,000 lumen
- CRI: up to 92
- 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 automatic repositioning
- Moving-head range: 540° (pan), 270° (tilt)

## COLOURS

- Monochromatic daylight source perfectly calibrated at 5700K
- Color rendering index greater than 92

## 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 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 FACILITIES

- Graphic LCD display for addressing and special functions settings, with flip function
- Clicking jog wheel to set 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 TRUE1 male connectors 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 30 DMX channels)

## POWER SUPPLY

- Electronic supply with active PFC
- 120 to 240 Volts - 50/60Hz
- Power: 1,500 W maximum

## COOLING SYSTEM

- Advanced cooling system
- Self adjusting variable speed fans for quiet operation (Auto mode)
- Selectable ventilation user modes with Super Silent mode
- Safety protection against temperatures excesses

## HOUSING

- Moving-head skeleton made of aluminium and steel metal plates
- Base in die-cast aluminium
- Heatsinks in aluminium
- 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 1/4 turn brackets designed for use with standard clamps
- Mounting points: four 1/4 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

### EU (EMC & LVD):

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

### US (Safety & EMC)

- UL 1573
- FCC Part 15, Subpart B:2018

## SIZE

- Product: 530 x 625 x 280 mm (l x h x d)
- Flight-case foam: 580 x 611 x 345 mm (l x h x d)

## WEIGHT

- Product: 26.9 kg

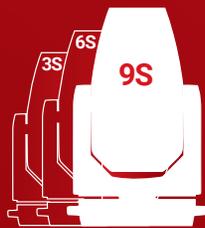
## PRODUCT CODES

- 013940: WILDSUN K9 WASH MULTI SOURCES 9 SERIES





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[www.ayrton.eu](http://www.ayrton.eu)

10.2023