

# ZONDA 9 WASH



**AYRTON**

**Lumens****25,000****Kelvin****all****CRI****< 86****Zoom****4° - 56°**

## ZONDA 9 WASH

## Multi Sources 9 Series

013740

ZONDA 9 WASH is the first luminaire in a new family of products devised for stage lighting, equipped with a high-performance 40 W LED source with RGB+W additive colour synthesis. This fixture offers a proprietary optical system consisting of a wide dial of 37 lenses in PMMA, 384 mm in diameter, combined with 37 glass light guides with an output surface made of an optical micro-structure. This LED/optical system combination can produce powerful light output of 25,000 lumens and a perfectly homogeneous mixture of pastel and saturated colours, regardless of the colour mix chosen. The perfectly crisp separation between the light sources helps to reinforce the level of contrast. Endowed with a 50 mm truncated transmitting lens with an optical surface equivalent to that of a 70 mm round lens, ZONDA 9 WASH can obtain a highly intensive beam with a zoom ratio of 14:1 and a wide zoom range of 4° to 56°.

A new optimised cooling system, simplified lens guidance systems, and ever smarter design of the internal structure have made it possible to reduce the size and weight of the luminaire considerably Slim-21™. ZONDA 9 WASH is a radical luminaire intended for stage lighting in the true sense. The careful colour mixing of the sources allows for perfect colour reproduction. You can control each concentric circle to adjust the size of the emitting surface and the luminaire's power. A complete library of pre-programmed colours created in collaboration with lighting designers is instantly accessible. A silent ventilation mode was specially developed for this fixture. ZONDA 9 WASH is a marvel of technology geared for creativity.

## OPTICS

- 2-element 14:1 zoom
- Beam aperture: 4.0° to 56°
- 37 x 50 mm truncated frontal lens
- 384 mm front lens cluster

## LIGHT SOURCE

- 37 x 1,000 lumens RGBW LED source
- Luminaire output: up to 25,000 lumens
- CRI: up to 86
- Rated life (L70): up to 40,000 hours
- Flicker-free source

## MOVEMENT

- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt with automatic repositioning
- Range: 540° (pan), 270° (tilt)

## COLOURS

- Sophisticated 4 colours RGBW mixed
- 4.29 billion colours (8-bit resolution)
- Virtual colour wheel
- Dynamic colour macro effect

## EFFECTS

- 2D & 3D graphical effects capabilities
- Built-in pattern effects
- Ring control

## DIMMER / STROBE

- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

## HARDWARE FEATURES

- Graphic LCD display with flip function
- Clicking jog wheel to set functions
- XLR 5 pin connectors
- etherCON RJ45 connectors
- powerCON TRUE1 connector

## CONTROL

- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 3 DMX modes (26 to 54 DMX channels)

## POWER SUPPLY

- 120 to 240 Volts – 50/60 Hz
- Power: 1,400 W maximum

## COOLING SYSTEM

- Advanced cooling system
- Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

## HOUSING

- Skeleton in aluminium and steel plates
- Base in die-cast aluminium
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP20 protection rating
- Exterior finish: black (Carbon)

## INSTALLATION

- Two Omega ¼ turn brackets
- Eight ¼ turn mounting points
- Safety cable attachment point

## OPERATING PARAMETERS

- Maximum temperature: 45 °C (113 °F)
- Minimum temperature: -10 °C (14 °F)
- Minimum usage distance: 3.0 m (9.84 ft)

## COMPLIANCE

- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & FCC Part 15, Subpart B: 2018

## SIZE

- Product: 530 x 625 x 280 mm (l x h x d)

## WEIGHT

- Product: 29.2 kg

## PRODUCT CODE

- 013740: ZONDA 9 WASH



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