

# ZONDA 3 FX



**AYRTON**

**Lumens****5,000****Kelvin****all****CRI****< 86****Zoom****4° - 56°**

## ZONDA 3 FX

## Multi Sources 3 Series

013250

Akin to the ZONDA 9, the latest addition to the ZONDA family designed for stage lighting is an incredibly compact luminaire with unlimited creative potential. ZONDA 3 is a versatile fixture with amazing effects that can switch from beam to wash with great ease. Its speed of movement and reduced dimensions increase its dynamic potential. Because of its size, it is easy to use in compositions with curtains or matrices. Fitted with seven high-performance 40-Watt LED sources with RGB+W, ZONDA 3 offers a proprietary optical system made up of a unique 170 mm mono-block cluster in PMMA, which enhances beam coherence, and seven glass light guides with an output surface that has an optical micro-structure. A 50 mm truncated transmitting lens whose optical surface is equivalent to that of a 70 mm round lens, enables ZONDA 3 to obtain a highly intensive beam with a zoom ratio of 14:1 and a wide zoom range of 4° to 56°. This LED/optical system combination is capable of producing light output of 5,200 lumens and a perfectly homogeneous mixture of pastel and saturated colours regardless of the colour combination chosen.

Some luminaires have the power to transform the ordinary into the extraordinary. ZONDA 3 FX is a creative, versatile and feature-rich luminaire that borrows from the main attributes of the WASH version. It offers continuous rotation of the pan and tilt movement I.R.S.<sup>TM</sup>. Individual control of each LED allows you to achieve 3D volumetric effects. Perfect separation between the light sources helps to significantly boost the level of contrast and visual perception of multiple beams. This exceptional luminaire is equipped with a high-definition Liquid Effect<sup>TM</sup> located between its main lenses, which can generate complex graphic effects. It can be used alone or in combination with the main LED matrix. The library of effects in ZONDA 3 FX provides a limitless source of inspiration. A new optimised cooling system, simplified lens guidance systems, and an ever smarter design of the internal structure have made it possible to reduce the size and weight of the luminaire considerably Slim-21<sup>TM</sup>. All these innovations are the exclusive patents of AYRTON. ZONDA 3 FX opens the doors of creativity.

## OPTICS

- 2-element 14:1 zoom
- Beam aperture: 4.0° to 56°
- 7 x 70 mm truncated frontal lens
- 170 mm front lens cluster

## LIGHT SOURCE

- 7 x 1,000 lumens RGBW LED source
- Luminaire output: up to 5,000 lumens
- CRI: up to 86
- Rated life (L70): up to 40,000 hours
- Flicker-free source

## MOVEMENT

- Extremely accurate positioning
- Resolution: 8- or 16-bit
- Smooth movements
- Pan and tilt with automatic repositioning
- Range: infinite pan & tilt rotation

## 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
- Pixel control
- LiquidEffect™

## 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
- Integrated LumenRadio™ receiver
- 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 79 DMX channels)

## POWER SUPPLY

- 120 to 240 Volts – 50/60 Hz
- Power: 350 W maximum

## COOLING SYSTEM

- Advanced cooling system
- Self-adjusting variable speed fans
- Selectable ventilation 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
- Four 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: 1.0 m (3.28 ft)

## COMPLIANCE

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

## SIZE

- Product: 365 x 404 x 233 mm (l x h x d)
- Foam: 420 x 438 x 280 mm (l x h x d)

## WEIGHT

- Product: 11.1 kg

## PRODUCT CODE

- 013250: ZONDA 3 FX - MULTI-SOURCES  
3 SERIES



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