

ZONDA 9 FX



AYRTTON

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

ZONDA 9 FX

Multi Sources 9 Series

013750

ZONDA 9 FX 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 FX 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 FX is a versatile fully-equipped luminaire designed for a multitude of applications. It borrows from the main features of the WASH version and offers infinite continuous rotation on the pan & tilt axes I.R.S.™. Individual control of each LED allows you to achieve 3D volumetric effects. ZONDA 9 FX can produce a high-definition liquid effect from between its main lenses to create complex graphic effects LiquidEffect™. This effect can be used alone or in combination with the main LED matrix. ZONDA 9 FX is a marvel of technology geared for creativity.

OPTICS

- 2-element 14:1 zoom
- Beam aperture: 4° 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: 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 199 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
- Substance regs: RoHS, REACH, CP65

SIZE

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

WEIGHT

- Product: 29.2 kg

PRODUCT CODE

- 013750: ZONDA 9 FX



AYRTON

www.ayrton.eu