

NANDOBEAM-S9



AYRTON
Digital Lighting



NANOBEAM-S9

900 W Wash luminaire

013550

NANOBEAM-S9 luminaire is the latest development and the most powerful fixture in the NANOBEAM product line. Equipped with a new-generation power supply offering over 95% total output efficiency, this power feature enables the highly compact luminaire to use its LED sources continuously at full power without any loss of performance. NANOBEAM-S9 is equipped with fifty-five high-performance Osram 15 W RGBW LED emitters arranged in 4 rings around a central LED which is independently controllable to give a multitude of graphic effects possibilities.

AYRTON has put utmost care into the design and selection of materials when it developed its 5:1 optical zoom. AYRTON has equipped the luminaire with a solid cluster of 55 lenses to help reduce its diameter and optimize its design. A double honeycomb system has been introduced to enhance contrast and eliminate stray reflections. The wide 8° to 40° adjustable zoom-spread makes NANOBEAM-S9 highly versatile. NANOBEAM-S9 is fitted with an active cooling system that uses heat transfer fluid with phase change to enable heavy use under extreme conditions. A 975 W high-output LED power supply, an optical output of 280 mm, and a high-performance cooling system have gone into the creation of a very powerful product that offers high-level performance in an ultra-compact design.

OPTICS

- 2-element 5:1 zoom
- Beam aperture: 8° to 40°
- 280 mm front lenses cluster

LIGHT SOURCE

- 55 x 500 lumens RGBW LED source
- Luminaire output: up to 12,000 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

- Graphical effects capabilities
- Built-in pattern effects

DIMMER / STROBE

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

HARDWARE FEATURES

- Graphic LCD display with flip function
- 6 menu buttons to set the functions
- Integrated LumenRadio™ receiver
- XLR 5 pin connectors
- etherCON RJ45 connectors
- powerCON TRUE1 connectors

CONTROL

- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 3 DMX modes (17 to 36 DMX channels)

POWER SUPPLY

- 100 to 240 Volts – 50/60 Hz
- Power: 1,100 W maximum

COOLING SYSTEM

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

HOUSING

- Skeleton in aluminium and steel plates
- 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

- Operating positions: all
- Maximum temperature: 45 °C (113 °F)
- Minimum temperature: -10 °C (14 °F)
- Minimum usage distance: 2.0 m (6.56 ft)

COMPLIANCE

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

SIZE

- Product: 412 x 546 x 307 mm (l x h x d)
- Foam: 510 x 590 x 370 mm (l x h x d)

WEIGHT

- Product: 21.1 kg

PRODUCT CODE

- 013550: NANDOBEAM-S9



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