

NANDOBEAM-S3



AYRTON
Digital Lighting



NANDOBEAM-S3

300 W Wash luminaire

013350

NANDOBEAM-S3 is a powerful and ultra-fast moving-head in a compact housing. Its advanced and highly efficient proprietary optical system, coupled with state-of-the-art 15 W RGBW LED emitters, delivers an 8° narrow beam as well as 40° wide coverage. The quality of its colour-mixing makes the NANDOBEAM-S3 capable of handling even the most demanding environments. The choice of light sources and colour selection was made in collaboration with lighting designers to meet the needs of the entertainment industry. The main benefit of the optical zoom system, which was developed especially for the NANDOBEAM product line, is a constant efficiency regardless of the zoom aperture: NANDOBEAM-S3 delivers a 4,000 lumens output across its full beam range.

Its narrow angle gives a particularly effective and very powerful tight beam, while its wide angle works well for wash purposes, making NANDOBEAM-S3 the perfect lighting tool for a wide range of applications. NANDOBEAM-S3's arrangement of two rings of individually controlled LED emitters around a central LED renders it extremely versatile when operated in Expanded Full Colour mode. Effects capabilities can be coupled with Beam, Wash or Matrix applications to produce superb results whether performing in front of the audience or camera. NANDOBEAM-S3 is equipped with new generation three-phase stepper motors that allow the quick and precise movement essential for NANDOBEAM-S3's performance. These extremely compact new motors fit perfectly into the minimalist design of the luminaire.

OPTICS

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

LIGHT SOURCE

- 19 x 500 lumens RGBW LED source
- Luminaire output: up to 4,000 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
- XLR 5 pin connectors
- powerCON TRUE1 connectors

CONTROL

- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- 3 DMX modes (17 to 28 DMX channels)

POWER SUPPLY

- 100 to 240 Volts – 50/60 Hz
- Power: 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
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION

- One Omega ¼ turn brackets
- Two 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: 1.0 m (3.28 ft)

COMPLIANCE

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

SIZE

- Product: 288 x 380 x 220 mm (l x h x d)
- Foam: 350 x 410 x 280 mm (l x h x d)

WEIGHT

- Product: 9.1 kg

PRODUCT CODE

- 013350: NANDOBEAM-S3



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