

# NANDOBEAM-S6



**AYRTON**  
Digital Lighting



## **ANDOBEAM-S6**

600 W Wash luminaire

013450

NANDOBEAM-S6 is a very powerful and ultra-fast new generation moving-head fixture in a compact housing. Its advanced and highly efficient proprietary optical system coupled with powerful 15 W RGBW LED sources provide a narrow 8° beam as well as wide 40° Coverage. NANDOBEAM-S6's thirty-seven 15 W LED are cooled by a heatpipe equipped with heat-transfer fluids and heat-exchange material. This advanced cooling technology gives an extended LED lifetime, quiet operation and maximum light source efficiency. A 6,000 lumens output at its 8° angle makes NANDOBEAM-S6 the perfect lighting tool for use as a beamlight moving-head. Its wide angle capabilities of up to 40° coupled with the same 6,000 lumens light output as its narrow beam angle gives great washlight potential. NANDOBEAM-S6 is equipped with new generation three phase stepper motors that allow quick and precise movement essential for this type of application. Very compact, these new motors fit perfectly into the minimalist design of the luminaire.

The high quality of its colour-mixing makes NANDOBEAM-S6 suitable for the most demanding environments. AYRTON's legendary consistency and quality of colour coupled with total control of its beam dispersion at any angle makes NANDOBEAM-S6 perfect for TV studios and stage, while low noise levels and accuracy of movement make it equally suited to events. NANDOBEAM-S6 is equally happy in front of an audience or a camera. Operated in Expanded Full Colour mode its 3 rings of LED emitters gathered around a central LED can be individually controlled or used with onboard effects to become a very versatile beamlight, washlight or matrix tool. NANDOBEAM-S6 is a versatile product that integrates a faster, new generation 32-bit circuit board and benefits from extensive connectivity and can be controlled by DMX-RDM, ArtNet™ or via LumenRadio™ DMX-RDM wireless connection

## OPTICS

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

## LIGHT SOURCE

- 37 x 500 lumens RGBW LED source
- Luminaire output: up to 6,000 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 32 DMX channels)

## POWER SUPPLY

- 100 to 240 Volts – 50/60 Hz
- Power: 650 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
- Eight 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: 1.5 m (4.92 ft)

## COMPLIANCE

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

## SIZE

- Product: 352 x 467 x 267 mm (l x h x d)
- Foam: 410 x 500 x 330 mm (l x h x d)

## WEIGHT

- Product: 13.9 kg

## PRODUCT CODE

- 013450: NANDOBEAM-S6



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