

NANDOBEAM-S3

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 Watt 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



OPTICS

- 2 elements 5:1 zoom high-resolution optic system
- Beam aperture: 8° to 40°
- Fast motorised linear zoom
- 170 mm front lenses cluster

LIGHT SOURCE

- 19 x 500 lumens RGBW High-Power LED sources
- Total luminaire output: up to 4,000 lumens
- Rated life (L70): up to 40,000 hours
- Flicker free sources management, suitable for TV applications and all video recorded events

MOVEMENT

- Extremely accurate positioning
- Moving-head operated via either 8- or 16-bit resolution
- High-resolution stepper motors operated via microprocessors ensure extreme accuracy and smooth movements.
- Pan and tilt with automatic repositioning
- Moving-head range : 540° (pan), 270° (tilt)

COLOURS

- Sophisticated 4 colours RGBW mixed, reaching high Colour
- Rendering Index
- Uniform light beam with no colour shadows, and rich saturated and pastel colour-hues
- 4.29 billion colours (8 bit resolution)
- Virtual colour wheel, including most usuals white colour temperature presets
- Dynamic colour macro effect with variable speed

EFFECTS

- Graphical effects capabilities
- Effects can be coupled with beam, wash or matrix applications
- Built-in pattern effects with speed and fade controls for scenic applications

DIMMER / STROBE

- Electronic dimmer, allowing perfect light adjustment from 0 to 100% without colour variation
- White or colour strobe effect, with speed adjustment from 1 to 25 flashes per second

SOFTWARE FEATURES

- Local DMX addressing of luminaire and optional parameters through its built-in LCD control panel
- Remote DMX addressing of luminaire and optional parameters through a standard RDM DMX controller
- Information menu including hour counter, temperature, software version

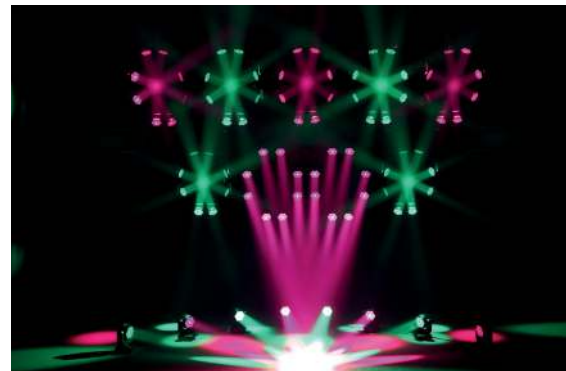
HARDWARE FEATURES

- Graphic LCD display for addressing and special functions settings, with flip function
- 6 menu buttons to set the functions
- Excess temperature protection
- Integrated wireless CRMX TiMo™ RDM receiver from LumenRadio™
- XLR 5 pin male and female connectors for DMX connection
- PowerCON TRUE1 male and female connectors for power connection

300W Wash luminaire

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.



CONTROL

- DMX 512 protocol, through DMX cable or wireless system
- DMX-RDM compatible
- Stand-alone mode and Master/Slave modes
- Local control panel, with LCD display
- Choice of 3 DMX Modes (from 17 to 28 DMX channels)

POWER SUPPLY

- Electronic supply with active PFC
- 100 to 240 Volts – 50/60Hz
- Power 400 Watt max

COOLING SYSTEM

- Advanced cooling system based on Heatpipe technology
- Self adjusting variable speed fans for quiet operation (Auto mode)
- Selectable auto, stage & studio ventilation modes
- Safety protection against temperatures excesses

HOUSING

- Moving-head skeleton made of aluminium and steel metal plates
- Heatsinks in aluminium
- Moulded covers in self-extinguishing fire retardant ABS PC (V0 class)
- Two sides handles for transportation
- Four heavy-duty feet for better stability
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION

- Fastening brackets system: one Omega ¼ turn brackets designed for use with standard clamps
- Mounting points: two ¼ turn locking fittings allowing installation of Omega brackets on luminaire
- Safety cable attachment point

OPERATING PARAMETERS

- Operating positions: all (device on floor or fixed to a support)
- Maximum permitted ambient temperature (Ta max): 45°C (113°F)
- Minimum permitted ambient temperature (Ta min): -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)
- Flight-case Foam : 350 x 410 x 280 mm (l x h x d)

WEIGHT

- Product: 9.1 KG

PRODUCT CODES

- 013350 : NANDOBEAM S3 WASH LUMINAIRE

LEGAL

- NANDOBEAM is AYRTON registered Trademark
- NANDOBEAM is a patented model