

# NANDO 502 WASH



**AYRTON**  
Digital Lighting



Multi Sources IP65 6 Series

# NANDO 502 WASH



**6 Series**  
**12 RGB-L LED**

**Luminous Flux**  
**11,000 lm**

**Beam Aperture**  
**3.5° to 53°**

**Front Lens**  
**210 mm**

**IP Rating**  
**IP65**

**Weight**  
**15.6 kg**

Nando 502 Wash is an incredibly compact luminaire for stage lighting, specially designed for mixed use, both indoors and outdoors, and in salty environments. The new minimalist design of Nando 502 Wash ensures full accessibility to all functions on this lightweight luminaire. By decreasing the thickness of the aluminium parts, optimising the cooling system, simplifying lens guidance, and integrating low-density optical components, Ayrton has been able to reduce overall weight by 20%. Nando 502 Wash is fitted with 12 high-performance 40 W LED sources with RGB-L additive colour synthesis and a proprietary optical system made up of a unique 210 mm cluster in PMMA. This works in combination with 12 glass light-guides with an output surface made of an optical micro-structure. Perfectly suited to stage lighting, this new LED source offers the advantage of better integration into the colour space and facilitates colour reproduction.

Nando 502 Wash can achieve a luminous flux of 11,000 lm and offer a perfectly homogeneous mix of pastel or saturated colours. Nando 502 Wash is a precision machine that allows perfect colour reproducibility with a colour rendering index up to 86. Versatile, it can instantly switch from beam to wash with an excellent zoom ratio of 15:1 and a zoom range of 3.5° to 53°. Its black honeycomb and perfect separation of the light sources help to significantly boost the level of contrast. The anti-reflective treated glass window guarantees an optimal visual result and increased performance. A new submersible ventilation system in a non-waterproof compartment allows for optimal cooling. A complete library of pre-programmed colours allows you to quickly create subtle, dense and contrasted swaths of colour. Ayrton has installed separate LED source control channels on all Wash versions and included a virtually infinite library of effects.

## OPTICS

- 2 elements 15:1 zoom
- Beam aperture: 3.5° to 53°
- 12 x 70 mm truncated lenses
- 210 mm front lens cluster

## LIGHT SOURCE

- 12 x 1,000 lumens RGB-L LED source
- Total luminaire output: up to 11,000 lumens
- CRI: up to 86
- Rated life (L70): up to 40,000 hours
- Flicker free sources

## MOVEMENT

- Extremely accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: 540° pan & 270° tilt

## COLOURS

- Sophisticated 4 colours RGB-L mixed
- 4.29 billion colours (8 bit resolution)
- Virtual colour wheel
- Virtual CTO wheel

## EFFECTS

- 2D & 3D graphical effects capabilities
- Built-in pattern effects
- Pixel control

## 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 connectors

## CONTROL

- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- Choice of 4 DMX modes (26 to 86 DMX channels)

## POWER SUPPLY

- 100 to 240 Volts - 50/60Hz
- Power: 550 W maximum

## COOLING SYSTEM

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

## HOUSING

- Skeleton in aluminium and steel plates
- Base in die-cast aluminium
- Moulded covers in ABS PC (V0 class)
- Two-sides handles
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

## INSTALLATION

- Two Omega ¼ turn brackets
- Four ¼ turn mounting points
- Safety cable attachment point

## OPERATING PARAMETERS

- Maximum temperature: 45 °C (113 °F)
- Minimum temperature: -20 °C (-4 °F)
- Minimum usage distance: 1 m (3.28 ft)

## COMPLIANCE

- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & FCC Part 15, Subpart B: 2018
- Substance regulations: RoHS, REACH, CP65

## SIZE

- Product: 340 x 474 x 268 mm (l x h x d)
- Foam: 395 x 480 x 335 mm (l x h x d)

## WEIGHT

- Product: 15.6 kg

## PRODUCT CODE

- 013420: NANDO 502 WASH



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