

NANDO 1202



AYRTON
Digital Lighting



NANDO 1202

Multi Sources 9 Series

Luminous Flux
25,000 lm

Native CRI
> 86

Front Lens
303 mm

Beam Aperture
3.5 ° to 53 °

IP Rating
IP65

Weight
27.6 kg



Two years after the release of Nando 502, equipped with new RGB-L LED sources perfectly suited to stage lighting and met with extraordinary success, we decided to create a more powerful new version of this luminaire, which we named Nando 1202. Featuring 28 high-performance 50-watt additive colour-mixing LED sources, Nando 1202 offers a proprietary optical system built around a 303 mm PMMA cluster paired with 28 precision-machined glass light guides, each with a micro-structured optical exit surface. This new LED source brings the advantage of improved integration within the colour space and enables perfect colour repeatability with a CRI above 86. Nando 1202 delivers a luminous flux of 25,000 lumens and provides perfectly homogeneous mixing of pastel or saturated colours. This new luminaire shifts from Beam to Wash instantly and offers a 15:1 zoom ratio with an exceptionally wide operating range from 3.5° to 53°. Its black honeycomb louvre and the perfect isolation of the light sources from one another significantly enhance contrast. The design of the anti-reflective treated glass window guarantees an optimal visual result and delivers increased performance.

Nando 1202 is an incredibly compact luminaire intended for stage lighting and specifically designed for mixed use both indoors and outdoors, including in saline environments. The entirely new minimalist design of Nando 1202 provides complete accessibility to the luminaire's functions while keeping weight under tight control. Reducing the thickness of the aluminium parts, optimising the cooling system, simplifying lens guidance, and integrating low-density optical components have made it possible to achieve a significant 20% weight reduction. A new ventilation system, submersible within a non-sealed compartment, enables optimal cooling of the luminaire. Individual control of each LED source makes it possible to create breath-taking volumetric 3D effects. A comprehensive library of pre-programmed colours allows subtle, dense, or high-contrast washes to be created quickly. In a universe where standardisation dominates, Nando 1202 asserts its singularity with a minimalist design and impeccable manufacturing.

OPTICS

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

LIGHT SOURCE

- 28 x 1,200 lumens RGB-L LED source
- Total luminaire output: up to 25,000 lumens
- CRI: greater than 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 & 225° 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 150 DMX channels)

POWER SUPPLY

- 120 to 240 Volts - 50/60Hz
- Power: 1450 W maximum

COOLING SYSTEM

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

HOUSING

- Moving-head skeleton in aluminium and steel metal plates
- Head & base in die-cast aluminium
- Heatsinks in aluminium and copper
- Arms moulded covers in ABS PC (VO class)
- Two-sides handles
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION

- Two Omega ¼ turn brackets
- Eight 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: 0.5 m (1.64 ft)

COMPLIANCE

- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573, FCC Part 15, Subpart B:2023
- Substance regs: RoHS, REACH, CP65

SIZE

- Product: 446 x 562 x 356 mm (l x h x d)
- Foam: 495 x 590 x 400 mm (l x h x d)

WEIGHT

- Product: 27.6 kg

PRODUCT CODE

- 013920: NANDO 1202 WASH



AYRTON

Digital Lighting

www.ayrton.eu