NANDO 502
WASH
pure emotion

OPTICS
- 2-element 15:1 zoom high-resolution optic system
- Beam aperture: 3.5° to 53°
- Fast motorised linear zoom
- 12 truncated edges 70 mm front lenses
- 210 mm front lens cluster

LIGHT SOURCE
- 12 x 1,000 lumens RGB-L High-Power LED sources
- Total luminaire output: up to 11,000 lumens
- CRI: up to 86
- 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 movement.
- PAN and TILT automatic repositioning
- Moving-head range: 540° pan & 270° tilt

COLOURS
- Sophisticated 4 colours RGB-L 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

EFFECTS
- 2D & 3D 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
- Individual control of each pixels

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
- 5 menu buttons to set functions
- Excess temperature protection
- Integrated wireless CRMX TiMo™ RDM receiver from LumenRadio™
- XLR 5 pin male and female connectors for DMX connection
- etherCON RJ45 IN / OUT connectors for ArtNet™ connection
- powerCON TRUE1 IN / OUT connectors for power connection

CONTROL
- DMX 512 protocol, through DMX cable
- DMX-RDM compatible
- Stand-alone mode and Main/Follow modes
- ArtNet™ & sACN protocol through Ethernet cable
- Local control panel, with LCD display
- Choice of 4 DMX modes (26 to 86 DMX channels)

POWER SUPPLY
- Electronic supply with active PFC
- 100 to 240 Volts - 50/60Hz
- Power: 550 W maximum

COOLING SYSTEM
- Advanced cooling system
- Self adjusting variable speed fans for quiet operation (Auto mode)
- Selectable auto, stage & silence ventilation modes
- Safety protection against temperatures excesses

HOUSING
- Skeleton made of aluminium and steel plates
- Base in die-cast aluminium
- 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
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Fastening brackets system: two Omega 1/4 turn brackets designed for use with standard clamps
- Mounting points: four 1/4 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): -20 °C (-4 °F)
- Minimum usage distance: 1 m (3.28 ft)

COMPLIANCE
EU (EMC & LVD)
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU

US (Safety & EMC)
- UL 1573
- FCC Part 15, Subpart B:2018

SIZE
- Product: 340 x 474 x 268 mm (l x h x d)
- Flight-case foam: 395 x 480 x 335 mm (l x h x d)

WEIGHT
- Product: 15.6 kg

PRODUCT CODES
- 013420: NANDO 502 WASH - IP65 MULTI-SOURCES 6 SERIES

LEGAL
- NANDO is AYRTON registered Trademark
- NANDO is a patented model

AYRTON
Digital Lighting