



NANDO 1202



OPTICS

- 2 elements 15:1 zoom high-resolution optic system
- Beam aperture: 3.5° to 53°
- Fast motorised linear zoom
- 28 truncated edges 70 mm frontal lenses
- 303 mm front lens cluster

LIGHT SOURCE

- 28 x 1,000 lumens RGB-L High-Power LED sources
- Total luminaire output: up to 25,000 lumens
- CRI: greater than 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 movements.
- Pan and tilt automatic repositioning
- Moving-head range: 540° pan & 225° 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)
- Raw colour control with direct access to RGBL
- Calibrated RGB mode with automatic Lime insertion
- Virtual CTC channel with adjustable white point from 2500 to 8000K
- Tint control channel for ±green

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 FACILITIES

- 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 FACILITIES

- 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
- IP65 XLR 5 pin male and female connectors for DMX connection
- IP65 RJ45 IN / OUT connectors for Ethernet connection
- IP65 powerCON TRUE1 male connector for power connection

CONTROL

- DMX 512 protocol, through IP65 DMX cable or a wireless system
- DMX-RDM compatible
- Stand-alone mode and Main/Follow modes
- ArtNet & sACN protocol through Ethernet cable
- Local control panel, with IP65 LCD display
- Choice of 4 DMX modes (from 26 to 150 DMX channels)

POWER SUPPLY

- Electronic power supply with active PFC
- 120 to 240 Volts - 50/60Hz
- Power: 1450 W maximum

COOLING SYSTEM

- Advanced high-performance cooling system
- IP68 Self-adjusting variable speed fans for quiet operation (Auto mode)
- Selectable ventilation user modes including Super Silent Mode
- Safety protection against excess temperature

HOUSING

- Moving-head skeleton made of aluminium and steel metal plates
- Head in die-cast aluminium
- Base in die-cast aluminium
- Heatsinks in aluminium and copper
- Arms moulded covers in self-extinguishing fire retardant ABS PC (V0 class)
- Two handles on the base
- 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: eight 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: 0.5 m (1.64 ft)

COMPLIANCE

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

US (Safety & EMC)

- UL 1573
- FCC Part 15, Subpart B:2023

Substance regulations

- RoHS
- REACH
- CP65

SIZE

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

WEIGHT

- Product: 27.6 kg

PRODUCT CODE

- 013920 : NANDO 1202 WASH - MULTI-SOURCES IP65 9 SERIES

LEGAL

- NANDO 1202 is AYRTON registered Trademark
- NANDO is patent pending

