



BORA

ONE NAME, TWO CHARACTERS

OPTICS

- 13-element 8:1 zoom in high-resolution optic system
- Beam aperture: 8° to 64°
- Fast motorised linear zoom
- Tempered anti-reflective coated lenses
- 178 mm frontal lens for greater performance

LIGHT SOURCE

BORA S

- 60,000 lumens 8000 K white light engine
- Total luminaire output: up to 40,000 lumens
- Colour temperature output: 6800 K
- CRI: greater than 70

BORA TC

- 48,000 lumens 7000 K white light engine
- Total luminaire output: up to 31,000 lumens
- Colour temperature output: 6200 K
- CRI: greater than 90

BORA S & BORA TC

- 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 to ensure extreme accuracy and smooth movements
- Pan and tilt with automatic repositioning
- Moving-head range: 540° (pan), 262° (tilt)

COLOURS

- Sophisticated colour mix system providing CMY colour mixing
- Variable CTO colour temperature correction
- 2 fixed colour wheels with six complementary colours each

GOBOS

- Indexable rotating gobo wheel with 6 gobos plus open position
- Adjustable-speed rotating gobo in both directions
- Gobo diameter: 34.3 mm
- Image diameter: 25.0 mm

BARNDOORS

- 4 individually positionable shutter blades on a 100% surface area in all positions
- Rotation of the framing system module: +/- 45°

IRIS DIAPHRAGM

- Fast iris diaphragm with adjustable dynamic effects
- Iris range: 15% to 100% open

FROST

- 0% to 100% variable linear frost

DIMMER / STROBE

- Electronic dimmer, allowing perfect light adjustment from 0 to 100% without colour variation
- 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
- Clicking jog wheel to set functions
- Excess temperature protection
- Integrated LumenRadio™ wireless CRMX TiMo™ RDM receiver
- XLR 5 pin male and female connectors for DMX connection
- etherCON RJ45 IN / OUT connectors for ArtNet™ connection
- powerCON TRUE1 male connector for power connection

CONTROL

- DMX 512 protocol, through DMX cable or wireless system
- DMX-RDM compatible
- Stand-alone mode and Master/Slave modes
- ArtNet™ & sACN protocol through Ethernet cable

- Local control panel, with LCD display
- Choice of 3 DMX modes (from 30 to 52 DMX channels)

POWER SUPPLY

- Electronic supply with active PFC
- 120 to 240 Volts – 50/60 Hz
- Power: 1,150 W maximum

COOLING SYSTEM

- Advanced liquid cooling system
- Self-adjusting variable speed fans for quiet operation (Auto mode)
- Selectable ventilation user's modes with a new Silent Mode
- Safety protection against temperatures excesses

HOUSING

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

INSTALLATION

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

OPERATING PARAMETERS

- Operating colours: 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: 2.0 m (6.56 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: 494 x 737 x 280 mm (l x h x d)
- Flight-case foam: 655 x 590 x 555 mm (l x h x d)

WEIGHT

- Product: 37.8 kg

PRODUCT CODES

- 010640: BORA S – CLASSICAL 6 SERIES
- 010650: BORA TC – CLASSICAL 6 SERIES

LEGAL

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

