

# STRADALE PROFILE

small in size, immense in power

## OPTICS

- 13-element 13:1 zoom high-resolution optic system
- Zoom aperture: 4° to 52°
- Fast motorised linear zoom
- Tempered anti-reflective coated lenses
- 140 mm frontal lens

## LIGHT SOURCE

- 26,000 lumens white light engine
- Total luminaire output: up to 20,000 lumens (integrating sphere measurement, Stage Fan mode)
- Colour temperature output: 6500 K
- Variable CRI: 70 to 86
- Rated life (L70): up to 40,000 hours
- Flicker-free source 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 movement
- Pan and tilt automatic repositioning
- Moving-head range: infinite pan and tilt rotation

## COLOURS

- Sophisticated colour mixing system providing CMY colour mixing
- Variable CTO colour temperature correction
- Variable CRI improvement filter
- Fixed colour wheel with seven complementary colours
- Multicoloured section

## GOBOS

- Indexable rotating gobo wheel with nine high precision glass gobos, plus open position
- Adjustable-speed rotating gobo in both directions
- Fixed gobo wheel with 10 high-precision glass gobos, plus open position
- Gobo diameter: 17.2 mm
- Image diameter: 13 mm
- Gobo thickness: 1.1 mm

## FRAMING SYSTEM

- 4 individually positionable barndoors on a 100% surface area in all positions
- Rotation of the barndoors module: +/- 90°

## IRIS DIAPHRAGM

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

## FROST

- 2 frost filters one light, one heavy

## EFFECTS

- Focusable graphic animation effect-wheel with continuous rotation in both directions
- 2 combinable rotating and indexable prisms: one 5-facet circular, one 4-facet linear

## 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 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 ArtNet connection
- IP65 PowerCON TRUE1 male and female connectors for power connection

## CONTROL

- DMX 512 protocol, through 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 2 DMX modes (from 42 to 65 DMX channels)

## POWER SUPPLY

- Electronic supply with active PFC
- 100 to 240 Volts – 50/60Hz
- Power: 630 W maximum

## COOLING SYSTEM

- Advanced liquid 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 composite alloy
- Heatsinks in aluminium and copper
- Arms in self-extinguishing fire retardant ABS PC (V0 class)
- Four-side handles for transportation
- Four heavy-duty feet for better stability
- IP65 protection rating
- Exterior finish: black (Carbon)

## INSTALLATION

- Fastening bracket 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 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: 3 m (9.84 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

### Substance regulations

- RoHS
- REACH
- CP65

## SIZE

- Product: 339 x 593 x 298 mm (l x h x d)
- Flight-case foam: 500 x 510 x 390 mm (l x h x d)

## WEIGHT

- Product: 23.5 kg

## PRODUCT CODES

- 012121: STRADALE PROFILE - ULTIMATE IP65 1 SERIES

## LEGAL

- STRADALE is AYRTON registered Trademark
- STRADALE is patent pending



**AYRTON**  
Digital Lighting