

RIVALE PROFILE

The ultimate revolution



AYRTON

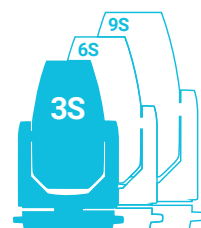
Digital Lighting



RIVALE PROFILE

The ultimate revolution

RIVALE PROFILE is the first ultra-equipped luminaire in AYRTON's brand new « ULTIMATE » series, all models being perfectly homothetic and sharing common features, delivering previously unimaginable weight to output ratios.



Developed for mixed use indoors and outdoors, and in all conditions, RIVALE PROFILE, with its unique visual signature, is unparalleled on the market. Weight determines performance, and RIVALE PROFILE weighs only 30.8 kg.

This is AYRTON's most versatile luminaire to date, and considering its light weight, it is capable of outstanding performance unprecedented for a product in this category. To allow you more creativity and freedom in your lighting design, RIVALE PROFILE has been provided with continuous rotation of the pan and tilt movement.



With the new **ULTIMATE** episode by AYRTON... a new era begins!

RIVALE PROFILE is fitted with a brand new high-efficiency 450 W sealed mono-block LED module calibrated at 6500 K that offers a luminous flux of 30,000 lumens with optimal positioning on a black body to obtain perfect light neutrality. The proprietary optical system has 13 lenses, delivering a 13:1 zoom ratio and zoom range of 4 to 52°. Equipped with a 160 mm frontal lens, RIVALE PROFILE can produce an ultra-intensive beam of 4°, close to that of AYRTON's famous «LT» versions.



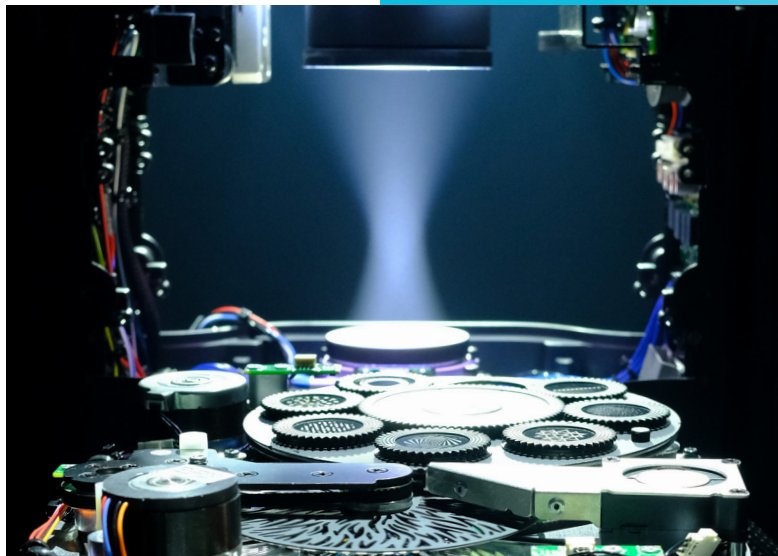
160 mm
Frontal lens



In the ULTIMATE series, every detail counts

RIVALE PROFILE has adopted a brand-new high-definition progressive CMY color-mixing system that delivers perfect color reproduction as soon as the filter is inserted, regardless of the color combination selected. An extended progressive CTO lets you fine tune the colour temperature from 2700 to 6500 K and a seven-position colour wheel completes the palette of tools dedicated to creating colour. For greater flexibility of use, RIVALE PROFILE allows subtle adjustment of the colour rendering index from 70 to 86. The framing section permits accurate positioning of each shutter blade on a 100% surface area with a rotation of plus-or-minus 90 degrees, so that you can frame any object regardless of the luminaire's position.

Ultimate luminaire



3 Series - Source

450 W - 6500 K

Zoom aperture

4° to 52°

Frontal lens cluster

160 mm

Weight

30.8 kg

**30,000
lumens**



**Developed for mixed use
indoors and outdoors,
and in all conditions**

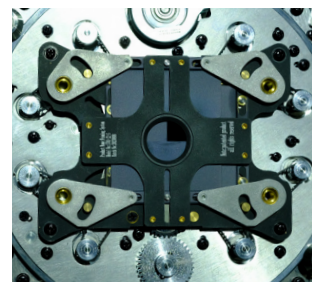
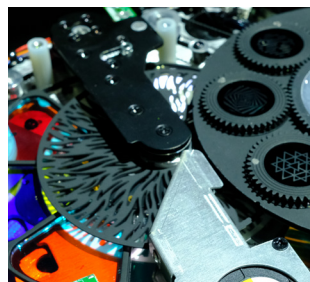
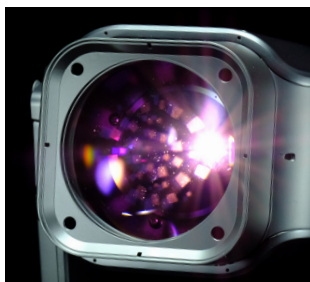


A truly innovative luminaire with no equivalent on the market

A fast 15-blade iris diaphragm with an aperture range of 15 to 100% enables beam optimisation in Beam mode. The image section includes 15 interchangeable high-definition glass gobos on two wheels: one rotating wheel with seven positions and one fixed wheel with eight positions. The effect section is fitted with a monochromatic animation wheel, two combinable rotating prisms, including a circular one with five facets and a linear one with four facets. RIVALE PROFILE is provided with two frost filters: one is low-diffusion, which lets you erase edges without changing the angle; the other filter is for high-diffusion, meant for use in wash lighting. Its ergonomics have been completely redesigned with four highly integrated handles that make installation easy. A unique projector that boasts performance, creativity, subtlety and power, is the most versatile fixture created by AYRTON to date.



**Infinite
pan and tilt
rotation**



Colours



CMY colour mixing system



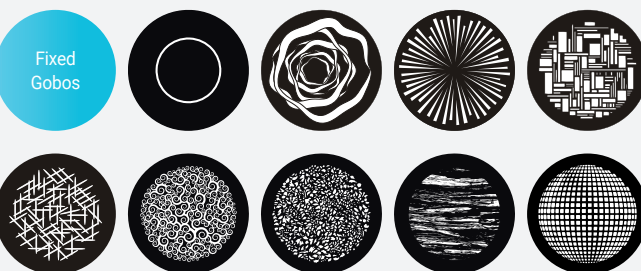
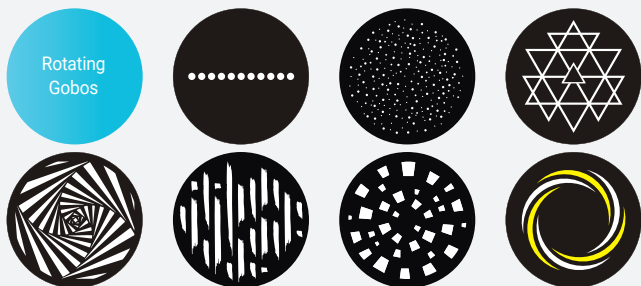
Variable CTO / CRI improvement filter



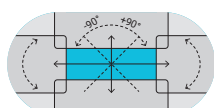
1/4 CTB Magenta Congo Blue Green Orange Blue Red

Gobos

Gobos Ø 25.2 mm | Image Ø 20 mm



Framing system



100% surface area

Iris diaphragm



15% to 100% open

Frost filters



Light Heavy

Effects wheel



Monochromatic

Prisms



Circular Linear

Dimmer



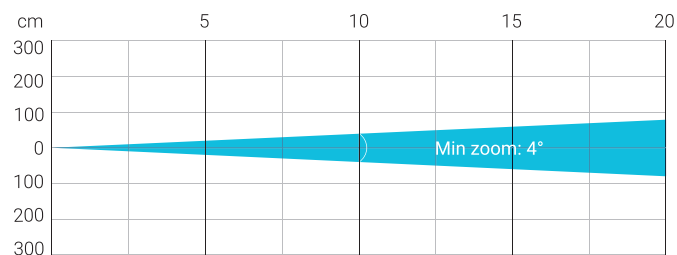
0 to 100 %

Strobe

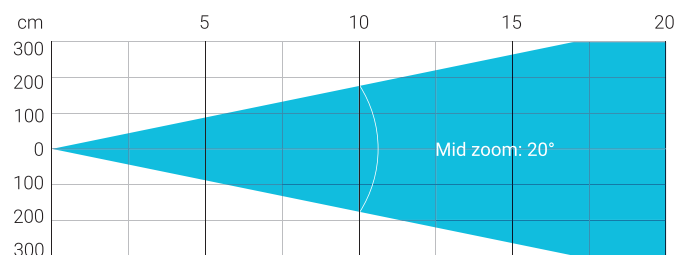


1 to 25 fl./sec.

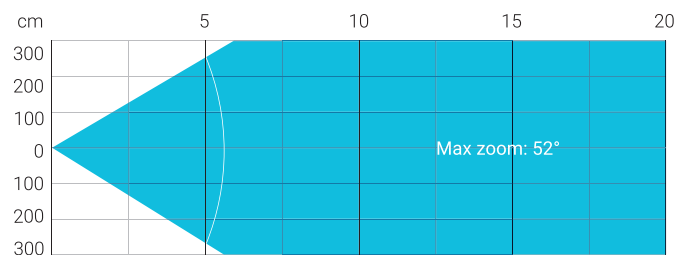
Photometry



Distance (m)	5		10		15		20	
Unit	lux	Ø	lux	Ø	lux	Ø	lux	Ø
White	110063	0,35	27516	0,7	12229	1,05	6879	1,4



Distance (m)	5		10		15		20	
Unit	lux	Ø	lux	Ø	lux	Ø	lux	Ø
White	15199	1.76	3800	3.53	1689	5.29	950	7.05



Distance (m)	5		10		15		20	
Unit	lux	Ø	lux	Ø	lux	Ø	lux	Ø
White	1715	5.1	429	10.19	191	15.29	107	20.38

Total Flux	30,000 lm (midd zoom, STAGE mode)	
CCT LED Source	7400 K (±400K)	
CCT Luminaire	6500 K (±400K)	
Ra Luminaire	70 (±2)	
TLCI	43	
TM-30	Rf: 69 / Rg:93	
Fan Mode	Noise Level (dBA)	Flux (lm)
Auto Mode	41	28,700
Stage Mode	43	29,260
Silence Mode	33	17,200
Super Silence	32	12,000

Note: noise measured at 1m distance, static status, ambient 31dBA
Integrating sphere measurement

OPTICS

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

LIGHT SOURCE

- 35,000 lumens white light engine
- Total luminaire output: up to 30,000 lumens (integrating sphere measurement, Fan mode STAGE)
- Colour temperature output: 6500 K
- CRI: greater than 70
- 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 color mixing
- Variable CTO colour temperature correction
- Variable CRI improvement filter
- Fixed colour wheel with seven complementary colours

GOBOS

- indexable rotating gobo wheel with seven high precision glass gobos, plus open position
- Adjustable-speed rotating gobo in both directions
- fixed gobo wheel with 8 high-precision glass gobos, plus open position
- Gobo diameter: 25.2 mm
- Image diameter: 20 mm
- Gobo thickness: 1.1 mm

FRAMING SYSTEM

- 4 individually positionable shutter blades on a 100% surface area in all positions
- Rotation of the shutter blades 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 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
- 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 Master/Slave modes
- ArtNet & sACN protocol through Ethernet cable
- Local control panel, with IP65 LCD display
- Footprint of 65 DMX channels

POWER SUPPLY

- Electronic supply with active PFC
- 100 to 240 Volts ~ 50/60Hz
- Power: 700 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
- Base in die-cast composite alloy
- Heatsinks in aluminium and copper
- Moulded covers 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: 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

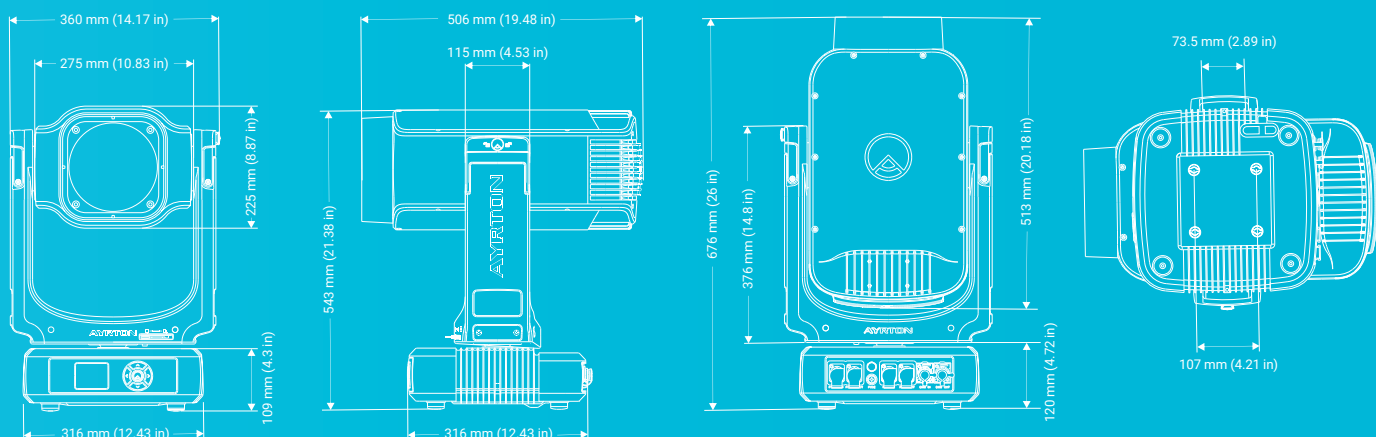
- Product: 360 x 675 x 315 mm (l x h x d)
- Flight-case foam: 485 x 565 x 560 mm (l x h x d)

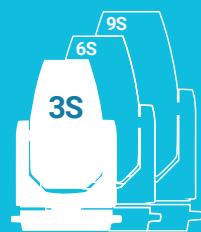
WEIGHT

- Product: 30.8 kg

PRODUCT CODES

- 012321: RIVALE PROFILE S - CLASSICAL IP65 3 SERIES





www.ayrton.eu

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