AYRTON 2026

AYRTON

EAGLESTRIKE



Illuminance at 10 m **› 100,000 lx**	Zoom Aperture **2.9° to 43°**	IP Rating **IP65**
Native CRI **› 70**	Front Lens **270 mm**	Weight **54.7 kg**



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AYRTON

DIGITAL
LIGHTING

ULTIMATE

1 SERIES

STRADALE PROFILE
8-9

3 SERIES

RIVALE PROFILE
10-11

RIVALE WASH
12-13

6 SERIES

VELOCE PROFILE
14-15

VELOCE WASH
16-17

CLASSICAL

CREATIVE SERIES

MAGICDOT NEO
20-21

3 SERIES

DIABLO PROFILE
22-25

9 SERIES

DOMINO LT
26-27

DOMINO PROFILE
28-31

DOMINO WASH
32-37

EAGLESTRIKE
38-39

MULTI SOURCES

3 SERIES

ZONDA 3 FX
42-43

ZONDA 3 WASH
44-45

6 SERIES

ARGO 6 FX
46-47

ARGO 6 WASH
48-49

NANDO 502 WASH
50-51

9 SERIES

WILDSUN K9 WASH
52-53

ZONDA 9 FX
54-55

ZONDA 9 WASH
56-57

LASER SOURCE

CREATIVE SERIES

KYALAMI
60-61

3 SERIES

COBRA
62-63

COBRA²
64-65

6 SERIES

MAMBA
66-67

AYRTON PLUS
70-79

GOBOS COLLECTION
80-87

GOBOS ON AYRTON'S LUMINAIRES
88-93

TECHNICAL SPECIFICATIONS
94-105

ENVIRONMENTAL RESPONSIBILITY
107-117

CALENDAR
119-123

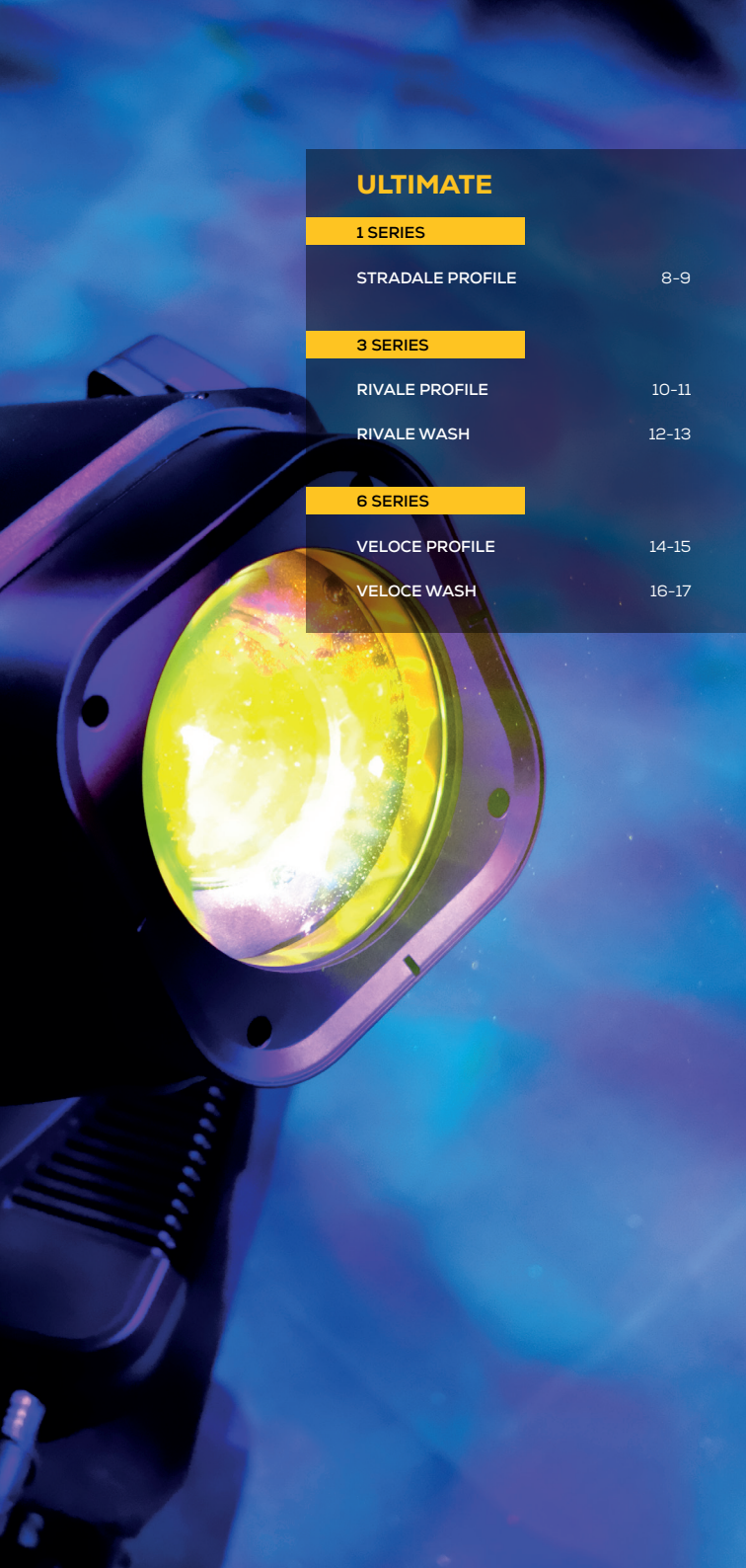
WARRANTY
126-129

CREDITS
130

LEGAL
130

SCAN FOR MORE PRODUCTS





ULTIMATE

1 SERIES

STRADALE PROFILE 8-9

3 SERIES

RIVALE PROFILE 10-11

RIVALE WASH 12-13

6 SERIES

VELOCE PROFILE 14-15

VELOCE WASH 16-17



STRADALE
PROFILE

Ultimate 1 Series

Luminous Flux
20,000 lm

Variable CRI
70 to 86

Front Lens
140 mm

Beam Aperture
4° to 52°

IP Rating
IP65

Weight
23.5 kg

Stradale Profile embodies the principle of perfect scalability within Ayrton's Ultimate series, standing as the first ultra-compact luminaire of the brand-new 1 Series. Following in the footsteps of Rivale, it reduces its visual footprint by 15%, achieving this through meticulous engineering and extreme miniaturisation. Every detail was optimised—streamlining the structure, refining effect modules, and minimising component size—to push integration to new limits. This unique format led to the development of an all-new high-efficiency 330 W LED module, precisely calibrated at 6500 K, delivering a luminous output of 20,000 lm with optimal black body positioning to ensure perfectly neutral light. Designed for both indoor and outdoor use in any environment, Stradale Profile stands apart with a distinctive visual signature. Lightweight construction plays a key role in its performance—tipping the scales at just 23.5 kg, it sets an unprecedented benchmark for its category. To unlock new creative possibilities, it features infinite continuous rotation on both pan and tilt axes. Equipped with a 140 mm front lens, its proprietary 13-lens optical system delivers a remarkable 13:1 zoom ratio, with a versatile range spanning from 4° to 52°.

Stradale Profile introduces an all-new ultra-fast CMY progressive gradient mixing system, ensuring seamless colour transitions, brighter output, and impeccable uniformity. A refined extended CTO system allows precise adjustment of colour temperature from 2900 K to 6500 K, while a seven-position colour wheel, equipped with specialised filters, expands the creative palette. For greater flexibility, Stradale Profile offers a fine-tuned colour rendering index adjustment from 70 to 86. The framing system provides precise positioning of each shutter blade across 100% of the beam with a rotation of ± 90°. A rapid 15-blade iris allows beam optimisation with an adjustable range from 15% to 100%. The image section includes 19 high-definition interchangeable glass gobos across two wheels—nine rotating and ten fixed—designed to elevate textural and aerial effects. The effects module features a monochromatic animation wheel and two combinable rotating prisms: a five-facet circular prism and a four-facet linear prism. Additionally, Stradale Profile offers two frost filters: one soft diffusion filter to smooth edges without altering the beam angle and a heavier diffusion filter for true wash applications. Stradale Profile is a one-of-a-kind luminaire, seamlessly merging performance, creativity, finesse, and power—an exceptional fixture with no equivalent on the market.

OPTICS
- 13-element 13:1 zoom
- Beam aperture: 4° to 52°
- 140 mm front lens

LIGHT SOURCE
- 25,000 lm white light engine
- Luminaire output: up to 20,000 lm
- Colour temperature output: 6500 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: infinite pan and tilt rotation

COLOURS
- Sophisticated CMY colour mixing
- Variable CTO
- Variable CRI channel up to 86
- 7 complementary colours
- Multicoloured section

GOBOS
- 9 indexable rotating glass gobos
- Adjustable-speed rotating gobo
- 10 fixed glass gobos
- Image diameter: 13 mm

FRAMING SYSTEM
- 4 individually shutter blades
- Positionable on 100% surface area
- Rotation of the module: ± 90°

IRIS DIAPHRAGM
- 15-blade iris diaphragm
- Range: 15% to 100% open

FROST
- 2 frost filters: one light, one heavy

PRISMS
- 2 combinable rotating and indexable prisms
- One 5-facet circular, one 4-facet linear

EFFECTS
- Focusable graphic animation effect-wheel
- Continuous rotation in both directions

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 5 menu buttons to set functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 RJ45 connectors
- IP65 powerCON TRUE1 TOP connectors

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, Local control panel, with IP65 LCD display
- ArtNet & sACN protocol
- 2 DMX modes (42 to 65 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60Hz
- Power: 630 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- IP68 Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton made of aluminium
- Head in die-cast aluminium
- Heatsinks in aluminium and copper
- Arms in ABS PC (V0 class)
- Four handles on the yoke
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Four ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -20°C (-4°F)
- Minimum usage distance: 3 m (9.84 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B:2023
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 339 x 593 x 298 mm (l x h x d)
- Foam: 390 x 500 x 510 mm (l x h x d)

WEIGHT
- Product: 23.5 kg

PRODUCT CODE
- 012121: Stradale Profile IP65
- 012122: Stradale Profile IP66



RIVALE
PROFILE

Ultimate 3 Series

Luminous Flux **30,000 lm**	**Variable CRI** **70 to 86**
Front Lens **160 mm**	**Beam Aperture** **4° to 52°**
IP Rating **IP65**	**Weight** **30.8 kg**

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. 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. 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 lm with optimal positioning on a black body to obtain perfect light neutrality. The proprietary optical system has 13 lenses, delivering a 13-to-1 zoom ratio and zoom range of 4° to 52°. Equipped with a 160 mm front lens, Rivale Profile can produce an ultra-intensive beam of 4°, close to that of Ayrton's famous 'LT' versions.

Rivale Profile has adopted a brand-new high-definition progressive CMY colour-mixing system that delivers perfect colour reproduction as soon as the filter is inserted, regardless of the colour combination selected. An extended progressive CTO lets you fine tune the colour temperature from 2900 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 ± 90°. A fast 15-blade iris diaphragm enables beam optimisation in Beam mode. The image section of Rivale Profile 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 and two frost filters. Rivale Profile, a unique projector that boasts performance, creativity, subtlety and power, is the most versatile fixture created by Ayrton to date. A truly innovative luminaire with no equivalent on the market.

OPTICS
- 13-element 13:1 zoom
- Beam aperture: 4° to 52°
- 160 mm front lens

LIGHT SOURCE
- 35,000 lm white light engine
- Luminaire output: up to 30,000 lm
- Colour temperature output: 6500 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: infinite pan and tilt rotation

COLOURS
- Sophisticated CMY colour mixing
- Variable CTO
- Variable CRI channel up to 86
- 7 complementary colours

GOBOS
- 7 indexable rotating gobo HD glass gobos
- Adjustable-speed rotating gobos
- 9 fixed HD glass gobo
- Image diameter: 18 mm

FRAMING SYSTEM
- 4 individually shutter blades
- Positionable on 100% surface area
- Rotation of the module: ± 90°

IRIS DIAPHRAGM
- 15-blade iris diaphragm
- Range: 15% to 100% open

FROST
- 2 frost filters: one light, one heavy

PRISMS
- 2 combinable rotating and indexable prisms
- One 5-facet circular, one 4-facet linear

EFFECTS
- Focusable graphic animation effect-wheel
- Continuous rotation in both directions

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 5 menu buttons to set functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 RJ45 connectors
- IP65 powerCON TRUE1 TOP connectors

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 65 DMX channels

POWER SUPPLY
- 100 to 240 Volts – 50/60Hz
- Power: 700 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- IP68 Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton made of aluminium
- Head in die-cast aluminium
- Heatsinks in aluminium and copper
- Arms in ABS PC (V0 class)
- Four handles on the yoke
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Four ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -20°C (-4°F)
- Minimum usage distance: 3 m (9.84 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B: 2021
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 360 x 676 x 316 mm (l x h x d)
- Foam: 485 x 560 x 565 mm (l x h x d)

WEIGHT
- Product: 30.8 kg

PRODUCT CODE
- 012321: Rivale Profile IP65
- 012331: Rivale Profile IP66



RIVALE
WASH

Ultimate 3 Series

Luminous Flux
28,000 lm

Variable CRI
70 to 86

Front Lens
170 mm

Beam Aperture
4° to 57°

IP Rating
IP65

Weight
30.8 kg

Rivale Wash is the first ultra-equipped wash luminaire in Ayrton's brand new 'Ultimate' series, developed for mixed indoor and outdoor use, including in salty environments. Weight determines performance, Rivale Wash weighs just 30.8 kg, offering outstanding performance for a product in this category. Rivale Wash is without equal on the market, with a unique visual signature. An all-new Fresnel lens, with an optical structure, has been specially developed for use with framing shutters, while also facilitating the use of geometric gobos or ovalization lenses. Its incredible ability to create extremely subtle atmospheres makes it an outstanding Wash projector. Playing with light and shadow... highlighting a detail... mastering chiaroscuro... searching for the perfect nuance... chiselling space... this new-generation luminaire delivers incomparable satisfaction. A subtle progressive frost system allows the level of diffusion to be adapted to suit the application and the accessories or optical elements used. This new Fresnel lens also significantly improves colour mixing and delivers 10% more light compared with a conventional Fresnel lens.

Rivale Wash is equipped with a brand new 430 W high efficiency sealed monoblock LED module calibrated at 6500 K, offering a luminous flux of 28,000 lm with optimum positioning on the black body to achieve perfect light neutrality. The proprietary 12-lens optical system offers a zoom ratio of 14:1 and a range from 4° to 57°. Featuring a 170 mm front lens, Rivale Wash provides an ultra-intensive 4° beam. Rivale Wash adopts a brand new high-definition progressive CMY colour mixing system that delivers perfect color reproduction as soon as the filter is inserted, regardless of the colour combination selected. An extended progressive CTO enables precise adjustment of colour temperature from 2900 K to 6500 K, and a 7-position colour wheel with special filters completes the palette of tools dedicated to colour creation. For greater flexibility of use, Rivale Wash offers subtle adjustment of the colour rendering index from 70 to 86. For greater creativity and design freedom, Rivale Wash comes as standard with infinite continuous rotation on both the pan & tilt axes. Rivale Wash, a unique spotlight that combines performance, creativity, subtlety and power. An extraordinary luminaire with no equivalent on the market.

OPTICS
- 12-element 14:1 zoom
- Beam aperture: 4° to 57°
- 170 mm front lens

LIGHT SOURCE
- 35,000 lm white light engine
- Luminaire output: up to 28,000 lm
- Colour temperature output: 6500 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: infinite pan and tilt rotation

COLOURS
- Sophisticated CMY colour mixing
- Variable CTO
- Variable CRI improvement filter
- 7 complementary colours

GOBOS
- 6 indexable rotating gobo HD glass gobos and a scrim filter
- Adjustable-speed rotating gobos
- Image diameter: 18 mm

FRAMING SYSTEM
- 4 individually shutter blades
- Positionable on 100% surface area
- Rotation of the module: ± 90°

IRIS DIAPHRAGM
- 15-blade iris diaphragm
- Range: 15% to 100% open

FROST
- 0% to 100% variable linear frost

EFFECTS
- Focusable CMY & RGB graphic animation effect-wheel
- Continuous rotation in both directions
- Indexable de-focusable rotating beam-shaping optic

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 5 menu buttons to set functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 RJ45 connectors
- IP65 powerCON TRUE1 TOP connectors

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 60 DMX channels

POWER SUPPLY
- 100 to 240 Volts – 50/60Hz
- Power: 700 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- IP68 Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton made of aluminium
- Head in die-cast aluminium
- Heatsinks in aluminium and copper
- Arms in ABS PC (V0 class)
- Four handles on the yoke
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Four ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -20°C (-4°F)
- Minimum usage distance: 3 m (9.84 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B: 2023
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 360 x 676 x 316 mm (l x h x d)
- Foam: 485 x 560 x 565 mm (l x h x d)

WEIGHT
- Product: 30.8 kg

PRODUCT CODE
- 012341: Rivale Wash IP65
- 012342: Rivale Wash IP66



VELOCE
PROFILE

Ultimate 6 Series

Luminous Flux
43,000 lm

Variable CRI
70 to 86

Front Lens
180 mm

Beam Aperture
4° to 52°

IP Rating
IP65

Weight
40.5 kg

After the worldwide success of the Rivale Profile and more than 10,000 units in service in less than a year, Ayrton is proud to present its brand new Veloce Profile, the third ultra-equipped luminaire in the 'Ultimate' series, specially designed for large spaces. The Ultimate series has broken the codes with its avant-garde design. A family of perfectly homothetic luminaires that reinforces the sense of unity between the different models. Veloce Profile is a versatile luminaire capable of operating in all conditions, indoors and outdoors, including salty environments. The use of new, lighter aluminium parts has resulted in a significant reduction in weight, with the aim of achieving the best weight to power ratio on the market without the use of expensive or unstable special alloys. Veloce Profile is the lightest luminaire in its category, weighing just 40.5 kg. For greater freedom of movement and design flexibility, Veloce Profile comes as standard with infinite continuous rotation on both pan & tilt axes. Veloce Profile pushes back the limits of integration with a brand new sealed monoblock 850 W high efficiency LED module, calibrated at 6500 K, which offers a luminous flux of 43,000 lm with optimum positioning on the black body to achieve perfect light neutrality.

The proprietary 13-lens optical system offers a zoom ratio of 13:1 and a range of use from 4° to 52°. Veloce Profile features a 180 mm front lens, giving an ultra-intensive 4° beam. Veloce Profile, like all the luminaires in the 'Ultimate' range, adopts a revolutionary new CMY colour mixing system with ultra-fast high-definition discs. This single-layer system provides a clear improvement in colour intensity during reproduction. An ultra-fast, high-definition single-disc progressive CTO enables precise colour temperature adjustment from 2900 K to 6500 K, and a 7-position colour wheel with special filters completes the palette of tools dedicated to colour creation. For specific applications requiring perfect colour reproduction, Veloce Profile offers a subtle adjustment of the colour rendering index from 70 to 86. A new, ultra-precise framing module makes it possible to isolate any object thanks to the surgical positioning of each shutter blade over 100% of the surface with ± 90° rotation. Veloce Profile provides the ultimate sensations. An accomplished luminaire synonymous with high performance, unbridled creativity, refinement and power. A luminaire you won't want to do without.

OPTICS
- 13-element 13:1 zoom
- Beam aperture: 4° to 52°
- 180 mm front lens

LIGHT SOURCE
- 58,000 lm white light engine
- Luminaire output: up to 43,000 lm
- Colour temperature output: 6500 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: infinite pan and tilt rotation

COLOURS
- Sophisticated CMY colour mixing
- Variable CTO
- Variable CRI improvement filter
- 7 complementary colours

GOBOS
- 14 indexable rotating gobo HD glass gobos
- Adjustable-speed rotating gobo
- Gobo diameter: 30 mm
- Image diameter: 19 mm
- Gobo thickness: 1.1 mm

FRAMING SYSTEM
- 4 individually shutter blades
- Positionable on 100% surface area
- Rotation of the module: ± 90°

IRIS DIAPHRAGM
- 15-blade iris diaphragm
- Range: 15% to 100% open

FROST
- 2 frost filters: one light, one heavy

PRISMS
- 2 combinable rotating and indexable prisms
- One 5-facet circular, one 4-facet linear

EFFECTS
- Focusable graphic animation effect-wheel
- Continuous rotation in both directions

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 5 menu buttons to set functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 RJ45 connectors
- IP65 powerCON TRUE1 TOP connectors

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 67 DMX channels

POWER SUPPLY
- 100 to 240 Volts – 50/60Hz
- Power: 1,300 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- IP68 Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess temperature protection

HOUSING
- Skeleton made of aluminium
- Head in die-cast aluminium
- Heatsinks in aluminium and copper
- Arms in ABS PC (V0 class)
- Four handles on the yoke
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Eight ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -20°C (-4°F)
- Minimum usage distance: 4 m (13.12 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B: 2023
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 404 x 757 x 366 mm (l x h x d)
- Foam: 680 x 640 x 500 mm (l x h x d)

WEIGHT
- Product: 40.5 kg

PRODUCT CODE
- 012521: Veloce Profile IP65
- 012522: Veloce Profile IP66



VELOCE
WASH

Ultimate 6 Series

Luminous Flux
40,000 lm

Variable CRI
70 to 86

Front Lens
190 mm

Beam Aperture
4° to 57°

IP Rating
IP65

Weight
39 kg

Following the launch and immediate success of the all-new Veloce Profile, Ayrton is proud to unveil Veloce Wash, the fourth luminaire in the 'Ultimate' series, boasting a cutting- edge design and breathtaking performance. Built on the advanced principle of perfect scalability, this ultra-compact luminaire pushes the boundaries of integration with a sealed 850 W high-efficiency LED module, calibrated at 6500 K, delivering a powerful 40,000 lm output. With an optimal black body positioning, it ensures perfect light neutrality. Like all Ultimate series luminaires, Veloce Wash is a versatile tool designed to perform in all conditions-indoors, outdoors, and even in coastal environments. The use of lightweight aluminium components significantly reduces weight, achieving the best weight-to-power ratio on the market, without resorting to costly or unstable special alloys. Weighing just 39 kg, Veloce Wash is the lightest luminaire in its category. For greater creative freedom, it features continuous, infinite pan & tilt rotation. Equipped with a 190 mm front lens, its proprietary 12-lens optical system delivers a 14:1 zoom ratio, covering a versatile range from 4° to 57°.

Veloce Wash integrates an ultra-fast CMY progressive colour-mixing system with a gradient disk that provides a continuous filtering surface, ensuring perfect homogeneity. This innovative system enhances colour brightness and renders pastel shades with exceptional accuracy. A progressive extended CTO enables precise colour temperature adjustment from 2900 K to 6500 K, complemented by a 7-position colour wheel equipped with specialty filters for unparalleled creative potential. For greater flexibility, Veloce Wash features adjustable CRI tuning from 70 to 86. The framing system allows for precise shutter blade positioning across 100% of the surface, with ± 90° rotation. A 15-blade iris diaphragm, with an adjustable aperture range from 15% to 100%, optimises the beam in Beam mode. The effects section includes a 6-position rotating glass gobo wheel, a multi-layer CMY+RGB animation wheel, a beam ovaliser, and an indexable rotating scrim filter. The all-new progressive frost system provides precise control over diffusion levels, offering seamless adjustment to match any creative need. Veloce Wash is a one-of-a-kind luminaire, balancing power, creativity, precision, and subtlety. A truly exceptional fixture with no equivalent on the market.

OPTICS
- 12-element 14:1 zoom
- Beam aperture: 4° to 57°
- 190 mm front lens

LIGHT SOURCE
- 58,000 lm white light engine
- Luminaire output: up to 40,000 lm
- Colour temperature output: 6500 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: infinite pan and tilt rotation

COLOURS
- Sophisticated CMY colour mixing
- Variable CTO
- Variable CRI improvement filter
- 7 complementary colours

GOBOS
- 6 indexable rotating gobo HD glass gobos & a scrim filter
- Adjustable-speed rotating gobo
- Gobo diameter: 30 mm
- Image diameter: 18 mm
- Gobo thickness: 1.1 mm

FRAMING SYSTEM
- 4 individually shutter blades
- Positionable on 100% surface area
- Rotation of the module: ± 90°

IRIS DIAPHRAGM
- 15-blade iris diaphragm
- Range: 15% to 100% open

FROST
- 0% to 100% variable linear frost

EFFECTS
- Focusable CMY & RGB graphic animation effect-wheel
- Continuous rotation in both directions
- Indexable de-focusable rotating beam-shaping optic

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 5 menu buttons to set functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 RJ45 connectors
- IP65 powerCON TRUE1 TOP connectors

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 60 DMX channels

POWER SUPPLY
- 100 to 240 Volts – 50/60Hz
- Power: 1,300 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- IP68 Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess temperature protection

HOUSING
- Skeleton made of aluminium
- Head in die-cast aluminium
- Heatsinks in aluminium and copper
- Arms in ABS PC (V0 class)
- Four handles on the yoke
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Eight ¼ turn mounting points
- Safety cable attachment point

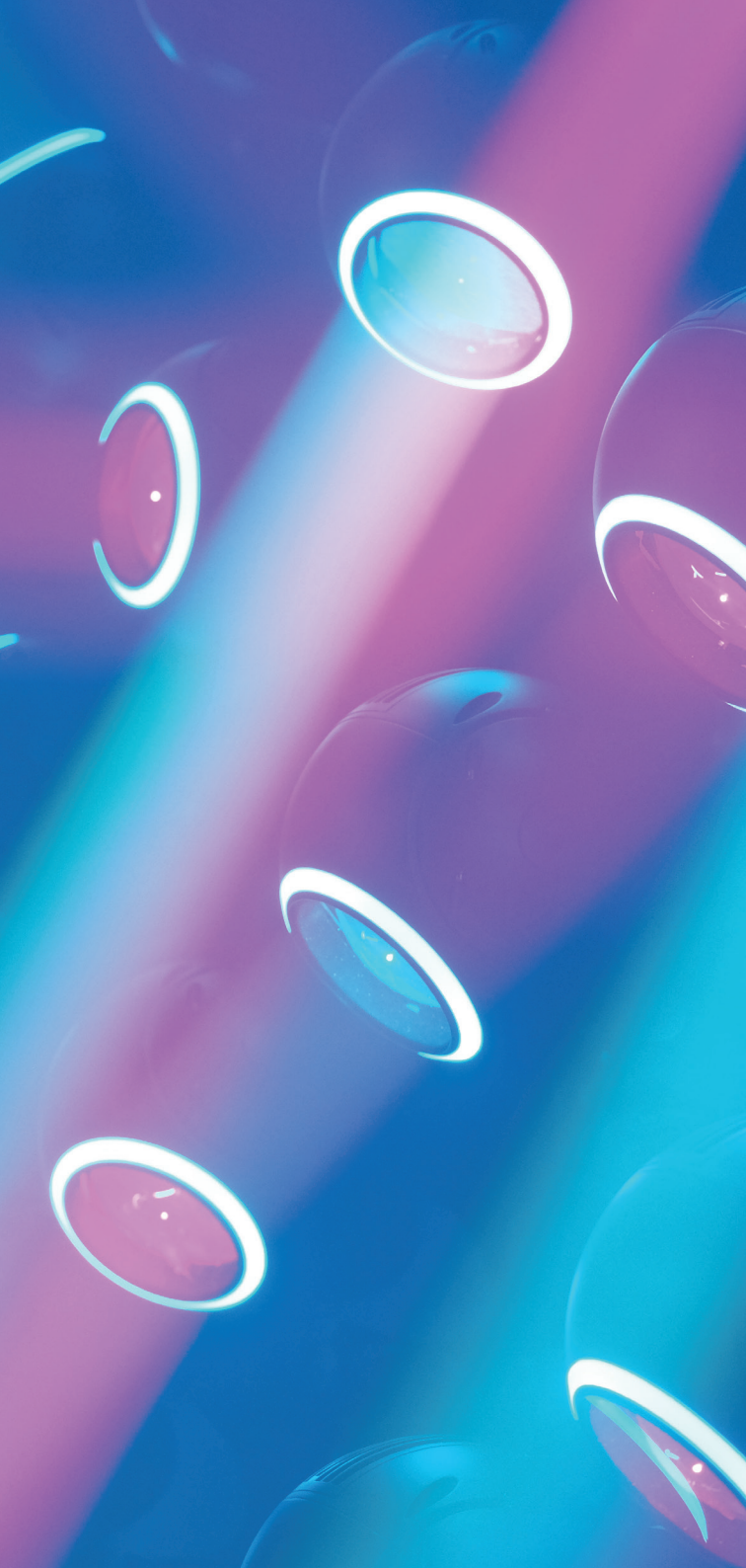
OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -20°C (-4°F)
- Minimum usage distance: 2 m (6.56 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B: 2023
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 404 x 757 x 366 mm (l x h x d)
- Foam: 680 x 640 x 500 mm (l x h x d)

WEIGHT
- Product: 39 kg

PRODUCT CODE
- 012541: Veloce Wash IP65
- 012542: Veloce Wash IP66



CLASSICAL

CREATIVE SERIES

MAGICDOT NEO 20-21

3 SERIES

DIABLO PROFILE 22-25

9 SERIES

DOMINO LT 26-27
DOMINO PROFILE 28-31
DOMINO WASH 32-37
EAGLESTRIKE 38-39



MAGICDOT
NEO

Classical Creative Series

Illuminance at 5 m
16,000 lx

Native CRI
‹ 86

Front Lens
100 mm

Zoom Aperture
3° to 30°

IP Rating
IP65

Weight
6.6 kg

Very compact, lightweight, ultra-fast and powerful, MagicDot Neo represents the ultimate evolution of this innovative family of fixtures. Designed for stage lighting and engineered for mixed indoor and outdoor use—even in saline environments—it features a brand-new 120 W multi-chip RGB-L LED source paired with a high-efficiency 100 mm optic, delivering a total output of 3,000 lm for just 160 W of power consumption. The high output of this LED source required a bespoke cooling solution based on a phase-change heat pipe. MagicDot Neo switches from Beam to Wash in an instant, offers a 10:1 zoom ratio and covers a wide beam angle from 3° to 30°. Continuous dual rotation on the pan and tilt axes allows fixtures to be clustered so that each light source can be individually controlled in every direction, and the minimal spacing between units makes previously impossible configurations achievable.

The intense beam, combined with the High-Definition Liquid effect—featuring 60 RGB LEDs around the beam's periphery—creates mesmerising multi-colour effects. MagicDot Neo generates organic light and astonishingly complex volumetric effects, enabling truly breathtaking stage presentations. Extensive Ethernet connectivity supports unlimited system configurations. By drastically reducing the thickness of aluminium components, optimising the cooling system, simplifying lens mounts and integrating low-density optical parts, the overall weight has been significantly reduced to just 6.6 kg. The fixture's performance stems from its singular design, extreme miniaturisation and minimalist cylindrical form. Enter a new creative sphere that is as inspiring as it is radical. An elegant, meticulously crafted projector with a unique visual signature, MagicDot Neo is the obvious choice—a technological powerhouse in a compact package, capable of delivering spectacular stage effects.

OPTICS
- 2-elements 10:1 zoom
- Beam aperture: 3° to 30°
- Fast motorised linear zoom
- 100 mm front lens

LIGHT SOURCE
- 5,000 lm RGB-L LED source
- Total luminaire output: up to 3,000 lm
- Illuminance at 5 m: 16,000 lux
- CRI: up to 86
- Rated life (L70): up to 40,000 hours
- Flicker free source

MOVEMENT
- Highly accurate positioning
- Resolution 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: infinite pan and tilt rotation

COLOURS
- Sophisticated 4 colours RGB-L mixed
- 4.29 billion colours (8-bit resolution)
- Virtual CTC channel
- Virtual Tint channel

EFFECTS
- Liquid Effect with 60 pixels
- Built-in pattern effects

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 4 menu buttons to set functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 RJ45 connectors
- IP65 powerCON TRUE1 connectors

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, Local control panel
- ArtNet™ & sACN protocol
- Footprint of 35 DMX channels

POWER SUPPLY
- 100 to 240 Volts – 50/60 Hz
- Power: 160 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- IP68 Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton made of aluminium
- Base in die-cast aluminium
- Heatsinks in aluminium and copper
- Moulded covers ABS PC (V0 class)
- Two handles on the yoke
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- One Omega ¼ turn brackets
- Two ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -20°C (-4°F)
- Minimum usage distance: 0.5 m (1.64 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B:2023
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 197 x 353 x 197 mm (l x h x d)
-

WEIGHT
- Product: 6.6 kg

OPTIONAL EQUIPMENT
- Dual foam: 500 x 310 x 250 mm (l x h x d)

PRODUCT CODE
- 015180: MagicDot Neo IP65



DIABLO
PROFILE S

Classical 3 Series

Luminous Flux
19,000 lm

Native CRI
› 70

Front Lens
119 mm

Beam Aperture
7° to 53°

IP Rating
IP20

Weight
22 kg

Diablo Profile S, is a versatile, feature-rich 300 W profile luminaire based on the ultra-compact Mistral format. The company has taken on the ambitious challenge of making Diablo Profile S the smallest, lightest and most efficient luminaire of its category. With a record output of 19,000 lm and a total weight of 22 kg, Diablo Profile S is a powerhouse of technology that will tempt the most demanding lighting designers. To achieve its objective, Ayrton has miniaturised the framing system while maximizing the performance level. As in other profile luminaires of the product line, the framing section allows accurate positioning of its four shutter blades on a 100% surface area in all positions, so that the user can frame any object regardless of the luminaire's position. A new ultra-compact high-output 550 W power supply feeds eight additional motors in the framing system, fitting into the original Mistral format.

Diablo Profile S borrows the same 13-element proprietary optical system delivering an 8:1 zoom ratio with a zoom range of 7° to 53°. The 119 mm front lens can produce an extremely uniform flat beam that can render images perfectly in all conditions and at any beam angle. Diablo Profile S, specially designed for stage applications, is equipped with a monochromatic LED light source that can generate extremely high output and metallic white light calibrated at 7000 K. Fully equipped at the factory, Diablo Profile S includes a CMY colour mixing system combined with a progressive CTO and a wheel with seven complementary colours that produces an infinite palette of bright pastels and saturated colours. The effects section includes a wheel with seven interchangeable HD glass gobos, a continuous dynamic effects wheel, a 15-blade iris diaphragm, a heavy frost filter and a five-facet circular rotating prism. Diablo Profile S has a highly efficient phase-change liquid cooling system using a heat pipe that includes a particularly effective ultra-silent ventilation mode, perfect for stage and studio applications.

OPTICS
- 13-element 8:1 zoom
- Beam aperture: 7° to 53°
- 119 mm front lens

LIGHT SOURCE
- 26,500 lm 8000 K light engine
- Luminaire output: up to 19,000 lm
- Colour temperature output: 7000 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: 540° (pan) and 263° (tilt)

COLOURS
- Sophisticated CMY colour mixing
- Variable CTO
- 7 complementary colours

GOBOS
- 7 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- Image diameter: 20 mm

FRAMING SYSTEM
- 4 individual shutter blades
- Positionable on 100% of the surface area
- Rotation of the module: ± 45°

IRIS DIAPHRAGM
- 15-blade iris diaphragm
- Range: 15% to 100% open

FROST
- Light frost filter (heavy frost filter in option)

PRISM
- 5-facet circular prism
- Rotating and indexable

EFFECTS
- Focusable graphic animation effect-wheel
- Continuous rotation in both directions

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- Clicking jog wheel to set functions
- Integrated LumenRadio™ receiver
- XLR 5 pin connectors
- powerCON TRUE1 connectors

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- 3 DMX modes (34 to 56 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60 Hz
- Power: 550 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton in aluminium and steel plates
- Base in die-cast aluminium
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Four ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113 °F)
- Minimum temperature: -10°C (14°F)
- Minimum usage distance: 1.5 m (4.92 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & FCC Part 15, Subpart B: 2018
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 365 x 591 x 212 mm (l x h x d)
- Foam: 430 x 660 x 280 mm (l x h x d)

WEIGHT
- Product: 22 kg

PRODUCT CODE
- 011340: Diablo Profile S



DIABLO
PROFILE TC

Classical 3 Series

Luminous Flux
14,000 lm

Native CRI
› 90

Front Lens
119 mm

Beam Aperture
7° to 53°

IP Rating
IP20

Weight
22 kg

Diablo Profile TC, is a versatile, feature-rich 300 W profile luminaire based on the ultra-compact Mistral format. The company has taken on the ambitious challenge of making Diablo Profile TC the smallest, lightest and most efficient luminaire of its category. With a record output of 14,000 lm and a total weight of 22 kg, Diablo Profile TC is a powerhouse of technology that will tempt the most demanding lighting designers. To achieve its objective, Ayrton has miniaturised the framing system while maximizing the performance level. As in other profile luminaires of the product line, the framing section allows accurate positioning of its four shutter blades on a 100% surface area in all positions, so that the user can frame any object regardless of the luminaire's position. A new ultra-compact high-output 550 W power supply feeds eight additional motors in the framing system, fitting into the original Mistral format.

Diablo Profile TC borrows the same 13-element proprietary optical system delivering an 8:1 zoom ratio with a zoom range of 7° to 53°. The 119 mm front lens can produce an extremely uniform flat beam that can render images perfectly in all conditions and at any beam angle. Diablo Profile TC is geared for applications that require perfect colour rendition, using a monochromatic light source with a native colour rendering index greater than 90 and very high TM30 readings, at a colour temperature of 6500 K. Fully equipped at the factory, Diablo Profile TC includes a CMY colour mixing system combined with a progressive CTO and a wheel with seven complementary colours that produces an infinite palette of bright pastels and saturated colours. The effects section includes a wheel with seven interchangeable HD glass gobos, a continuous dynamic effects wheel, a 15-blade iris diaphragm, a heavy frost filter and a five-facet circular rotating prism. Diablo Profile TC has a highly efficient phase-change liquid cooling system using a heat pipe that includes a particularly effective ultra-silent ventilation mode, perfect for stage and studio applications.

OPTICS
- 13-element 8:1 zoom
- Beam aperture: 7° to 53°
- 119 mm front lens

LIGHT SOURCE
- 20,500 lm 7000 K light engine
- Luminaire output: up to 14,000 lm
- Colour temperature output: 6500 K
- CRI: greater than 90
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: 540° (pan) and 263° (tilt)

COLOURS
- Sophisticated CMY colour mixing
- Variable CTO
- 7 complementary colours

GOBOS
- 7 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- Image diameter: 20 mm

FRAMING SYSTEM
- 4 individual shutter blades
- Positionable on 100% of the surface area
- Rotation of the module: ± 45°

IRIS DIAPHRAGM
- 15-blade iris diaphragm
- Range: 15% to 100% open

FROST
- Light frost filter (heavy frost filter in option)

PRISM
- 5-facet circular prism
- Rotating and indexable

EFFECTS
- Focusable graphic animation effect-wheel
- Continuous rotation in both directions

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- Clicking jog wheel to set functions
- Integrated LumenRadio™ receiver
- XLR 5 pin connectors
- powerCON TRUE1 connectors

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- 3 DMX modes (34 to 56 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60 Hz
- Power: 550 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton in aluminium and steel plates
- Base in die-cast aluminium
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Four ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -10°C (14°F)
- Minimum usage distance: 1.5 m (4.92 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B: 2018
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 365 x 591 x 212 mm (l x h x d)
- Foam: 430 x 660 x 280 mm (l x h x d)

WEIGHT
- Product: 22 kg

PRODUCT CODE
- 011350: Diablo Profile TC



DOMINO
LT

Classical 9 Series

Luminous Flux
51,000 lm

Native CRI
› 70

Front Lens
225 mm

Beam Aperture
3.5° to 53°

IP Rating
IP65

Weight
60 kg

Domino LT is the first all-terrain LED luminaire in the 'LT' (Long Throw) range designed for intensive outdoor use in long-distance applications requiring high precision. To create this extreme luminaire unrivalled on the market, Ayrton has used 'XXL' 225 mm-diameter front optics weighing 7 kg that can obtain an ultra-intensive beam. The proprietary optical system has 13 lenses, delivering a 15:1 zoom ratio and a zoom range of 3.5° to 53°. Domino LT was developed to cope with the most extreme conditions, able to acclimate to all types of environments and endure rapid climate change. For this purpose, Domino LT has borrowed from the style and minimalist design of Domino Profile, incorporating full weather-proofing features while ensuring total accessibility to the luminaire's internal functions. With its new die-cast aluminium frame, the luminaire uses the same base, reducing its visual footprint to a minimum. For greater efficiency, Domino LT has a highly effective next-generation, oversized cooling system fitted with six submersible fans outside its weatherproof enclosure.

Equipped with an all-new high-efficiency 1,000 W LED module, Domino LT delivers a record luminous flux of 51,000 lm at a colour temperature of 6700 K. Domino LT adopts the complex colour mixing system of Huracán Profile, offering a double level of CMY saturation that can obtain 281 trillion colours (patent pending) and a triple corrector for variable colour temperature that allows subtle adjustment from 2700 to 15000 K and significant CRI improvement. Fitted with multiple optical tools for shaping light, Domino LT is factory-equipped with a linear progressive frost system, a lightweight frost filter, and two image-multiplying rotating prisms: one is linear with four facets and the other is circular with five facets.The framing section enables precise positioning of each shutter blade on a 100% surface area. The effects section includes two superimposed rotating gobo wheels each with seven gobos, a 15-blade iris diaphragm, a monochromatic multi-position effects wheel, and an RGB and CMY effects wheel for unique multicolour effects. Domino LT is a unique luminaire designed to face the most extreme conditions... It is the ultimate tool for stadiums and large arenas.

OPTICS
- 13-element 15:1 zoom
- Beam aperture: 3.5° to 53°
- 225 mm front lens

LIGHT SOURCE
- 75,000 lm 8200 K light engine
- Luminaire output: up to 51,000 lm
- Colour temperature output: 6700 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: 540° (pan) and 263° (tilt)

COLOURS
- Sophisticated CMY colour mixing
- Variable CTO
- 6 complementary colours

GOBOS
- 14 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- Image diameter: 25 mm

FRAMING SYSTEM
- 4 individual shutter blades
- Positionable on 100% surface area
- Rotation of the module: ± 60°

IRIS DIAPHRAGM
- 15-blade iris diaphragm
- Range: 15% to 100% open

FROST
- 2 frost filters: one light, one heavy

PRISMS
- 2 rotating and indexable prisms
- One 5-facet circular, one 4-facet linear

EFFECTS
- Monochromatic multi-position graphic wheel
- Colour graphic animation effect-wheel
- Continuous rotation in both directions

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 5 menu buttons to set the functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 RJ45 connectors
- IP65 powerCON TRUE1 TOP connector

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 3 DMX modes (44 to 70 DMX channels)

POWER SUPPLY
- 120 to 240 Volts – 50/60 Hz
- Power: 1,600 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- IP68 self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton made of die-cast aluminium
- Base in die-cast aluminium
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Eight ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -20°C (-4°F)
- Minimum usage distance: 3 m (9.84 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B: 2021
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 490 x 884 x 330 mm (l x h x d)
- Foam: 765 x 665 x 555 mm (l x h x d)

WEIGHT
- Product: 60 kg

PRODUCT CODE
- 012670: Domino LT IP65
- 012672: Domino LT IP66



DOMINO
PROFILE S

Classical 9 Series

Luminous Flux
51,000 lm

Native CRI
› 70

Front Lens
178 mm

Beam Aperture
6° to 60°

IP Rating
IP65

Weight
52 kg

A new member of Ayrton's IP65 multi-function luminaire family designed for intensive outdoor use, Domino Profile S is a marvel of technology that combines extraordinary light power with full-featured standard equipment. Equipped with an entirely new 1,000 W monochromatic high-efficiency LED emitter calibrated at 8000 K, Domino Profile S can deliver powerful metallic white light with record output of 51,000 lm at a colour temperature of 7000 K, when operating at a steady state. Designed around the exceptional optics of Huracán Profile, this luminaire was specifically developed to achieve an optimal resolution-to-performance-to-efficiency ratio. These optics deliver an extremely uniform flat beam with no hot spot and reproduce high-definition images impeccably. Fitted with a 178 mm front lens, the proprietary optical system uses 13 lenses, producing a 10:1 zoom ratio and a zoom range of 6° to 60°. Designed to operate in the most extreme situations, Domino Profile S can resist hot or cold temperatures, wind, rain, hail, salt fog, sand and dust. It can withstand arid environments, heavy rainfall, and sudden climatic variations.

Ayrton has included all the weatherproofing features of Perseo Profile S in this new IP65 luminaire and given it the same minimalist design. With its new high-efficiency power supply and die-cast aluminium frame, the luminaire uses the same base design in a reduced visual footprint. For maximum effectiveness, Domino Profile S has a liquid cooling system fitted with six submersible fans outside its weatherproof enclosure. Feature-rich from the factory, Domino Profile S includes a subtractive CMY colour mixing system combined with a variable CTO and a wheel with six complementary colours. The framing section allows accurate positioning of each shutter blade on a 100% surface area. The image section includes 14 interchangeable HD glass gobos on two wheels. The effects section contains two continuous dynamic effect-wheels, a CMY multi-layered wheel for creating multi-coloured effects, a standard monochromatic effect-wheel, a 15-blade iris diaphragm, two frost filters (one for light and one for heavy diffusion), two rotating prisms (one circular with 5 facets and one linear with 4 facets). Domino Profile S is The Master of the Elements, ready for the most extreme conditions.

OPTICS
- 13-element 10:1 zoom
- Beam aperture: 6° to 60°
- 178 mm front lens

LIGHT SOURCE
- 75,000 lm 8000 K light engine
- Luminaire output: up to 51,000 lm
- Colour temperature output: 7000 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: 540° (pan) and 263° (tilt)

COLOURS
- Sophisticated CMY colour mixing
- Variable CTO
- 6 complementary colours

GOBOS
- 14 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- Image diameter: 25 mm

FRAMING SYSTEM
- 4 individual shutter blades
- Positionable on 100% surface area
- Rotation of the module: ± 45°

IRIS DIAPHRAGM
- 15-blade iris diaphragm
- Range: 15% to 100% open

FROST
- 2 frost filters: one light, one heavy

PRISMS
- 2 rotating and indexable prisms
- One 5-facet circular, one 4-facet linear

EFFECTS
- Monochromatic multi-position graphic wheel
- Colour graphic animation effect-wheel
- Continuous rotation in both directions

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 5 menu buttons to set the functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 RJ45 connectors
- IP65 powerCON TRUE1 TOP connector

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 3 DMX modes (44 to 66 DMX channels)

POWER SUPPLY
- 120 to 240 Volts – 50/60 Hz
- Power: 1,800 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- IP68 self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton made of die-cast aluminium
- Base in die-cast aluminium
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Eight ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -20°C (-4°F)
- Minimum usage distance: 3 m (9.84 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B: 2021
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 490 x 841 x 330 mm (l x h x d)
- Foam: 715 x 665 x 555 mm (l x h x d)

WEIGHT
- Product: 52 kg

PRODUCT CODE
- 012640: Domino Profile S IP65
- 012642: Domino Profile S IP66



DOMINO
PROFILE TC

Classical 9 Series

Luminous Flux
36,400 lm

Native CRI
› 90

Front Lens
178 mm

Beam Aperture
6° to 60°

IP Rating
IP65

Weight
52 kg

A new member of Ayrton's IP65 multi-function luminaire family designed for intensive outdoor use, Domino Profile TC is a marvel of technology that combines extraordinary light power with full-featured standard equipment. Equipped with an entirely new 1,000 W monochromatic high-efficiency LED emitter calibrated at 7000 K, Domino Profile TC is specially designed for situations that require perfect colour rendition, has a native colour rendering index greater than 90 and very high TM30 readings. Designed around the exceptional optics of Huracán Profile, this luminaire was specifically developed to achieve an optimal resolution-to-performance-to-efficiency ratio. These optics deliver an extremely uniform flat beam with no hot spot and reproduce high-definition images impeccably. Fitted with a 178 mm front lens, the proprietary optical system uses 13 lenses, producing a 10:1 zoom ratio and a zoom range of 6° to 60°. Designed to operate in the most extreme situations, Domino Profile TC can resist hot or cold temperatures, wind, rain, hail, salt fog, sand and dust. It can withstand arid environments, heavy rainfall, and sudden climatic variations.

Ayrton has included all the weatherproofing features of Perseo in this new IP65 luminaire and given it the same minimalist design. With its new high-efficiency power supply and die-cast aluminium frame, the luminaire uses the same base design in a reduced visual footprint. For maximum effectiveness, Domino Profile TC has a liquid cooling system fitted with six submersible fans outside its weatherproof enclosure. Feature-rich from the factory, Domino Profile TC includes a subtractive CMY colour mixing system combined with a variable CTO and a wheel with six complementary colours. The framing section allows accurate positioning of each shutter blade on a 100% surface area. The image section includes 14 interchangeable HD glass gobos on two wheels. The effects section contains two continuous dynamic effect-wheels, a CMY multi-layered wheel for creating multi-coloured effects, a standard monochromatic effect-wheel, a 15-blade iris diaphragm, two frost filters (one for light and one for heavy diffusion), two rotating prisms (one circular with 5 facets and one linear with 4 facets). Domino Profile TC is The Master of the Elements, ready for the most extreme conditions.

OPTICS
- 13-element 10:1 zoom
- Beam aperture: 6° to 60°
- 178 mm front lens

LIGHT SOURCE
- 56,000 lm 7000 K light engine
- Luminaire output: up to 36,400 lm
- Colour temperature output: 6500 K
- CRI: greater than 90
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: 540° (pan) and 263° (tilt)

COLOURS
- Sophisticated CMY colour mixing
- Variable CTO
- 6 complementary colours

GOBOS
- 14 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- Image diameter: 25 mm

FRAMING SYSTEM
- 4 individual shutter blades
- Positionable on 100% surface area
- Rotation of the module: ± 45°

IRIS DIAPHRAGM
- 15-blade iris diaphragm
- Range: 15% to 100% open

FROST
- 2 frost filters: one light, one heavy

PRISMS
- 2 rotating and indexable prisms
- One 5-facet circular, one 4-facet linear

EFFECTS
- Monochromatic multi-position graphic wheel
- Colour graphic animation effect-wheel
- Continuous rotation in both directions

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 5 menu buttons to set the functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 RJ45 connectors
- IP65 powerCON TRUE1 TOP connector

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 3 DMX modes (44 to 66 DMX channels)

POWER SUPPLY
- 120 to 240 Volts – 50/60 Hz
- Power: 1,800 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- IP68 self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton made of die-cast aluminium
- Base in die-cast aluminium
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Eight ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -20°C (-4°F)
- Minimum usage distance: 3 m (9.84 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B: 2021
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 490 x 841 x 330 mm (l x h x d)
- Foam: 715 x 665 x 555 mm (l x h x d)

WEIGHT
- Product: 52 kg

PRODUCT CODE
- 012645: Domino Profile TC IP65
- 012652: Domino Profile TC IP66



DOMINO
WASH S

Classical 9 Series

Luminous Flux
52,000 lm

Native CRI
› 70

Front Lens
210 mm

Beam Aperture
6.2° to 75°

IP Rating
IP65

Weight
52 kg

For its first IP65 wash fixture developed for outdoor use, Ayrton has chosen a 210 mm Fresnel lens with a specific optical structure designed to accurately adapt the diffusion level according to your requirements. This optical combination that favours the use of framing shutter blades or geometric gobos significantly improves colour mix and can produce 10% more light than with a classic Fresnel lens F.O.S.™. Domino Wash S introduces a brand new 1,000 W monochromatic LED source specially developed for shows that need cooler metallic white light, this version offers a record luminous flux of 52,000 lm, a colour temperature of 7000 K and a CRI of 70. The proprietary optical system of Domino Wash S delivers a 12:1 zoom ratio and a zoom range of 6.2° at half peak to 75° at one-tenth peak.

This new luminaire adopts the complex colour mixing system of Huracán Wash, offering a double level of CMY saturation that can obtain 281 trillion colours and a triple corrector for variable colour temperature, allowing subtle adjustment from 2700 K to 15000 K and significant CRI improvement T.C.S.™. Domino Wash S is factory-equipped with full features, including a framing section that allows accurate positioning of four shutter blades on a 100% surface area in all positions, so that the user can frame any object regardless of the luminaire's position. Domino Wash S is also equipped with a wheel of seven rotating glass gobos, a 15-blade iris diaphragm and an CMY & RGB animation wheel. Domino Wash S has a liquid cooling system fitted with six submersible fans outside its weatherproof enclosure. An all-terrain luminaire developed for resisting hot or cold weather, wind, rain, hail, sand, dust, Domino Wash S aims to create unprecedented, incomparable and simply stunning atmospheres. This professional smart luminaire is geared for concerts, performing arts, theme parks, and film shoots. Together with Domino Profile and Domino LT, Domino Wash completes an exceptional trilogy.

OPTICS
- 13-element 12:1 zoom
- Beam aperture: 6.2° to 75°
- 210 mm Fresnel front lens

LIGHT SOURCE
- 80,000 lm white light engine
- Luminaire output: up to 52,000 lm
- Colour temperature output: 7000 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: 540° (pan) and 270° (tilt)

COLOURS
- Sophisticated CMY colour mixing
- Variable CTB, CTO, CTP
- 6 complementary colours

GOBOS
- 7 indexable rotating gobos
- Adjustable-speed rotating gobo
- Image diameter: 25 mm

FRAMING SYSTEM
- 4 individually barndoors
- Positionable on 100% surface area
- Rotation of the module: ± 90°

IRIS DIAPHRAGM
- 15-blade iris diaphragm
- Range: 15% to 100% open

FROST
- 0% to 100% variable linear frost

EFFECTS
- Colour graphic animation effect-wheel
- Indexable de-focusable rotating beam shaping optic
- Continuous rotation in both directions

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 5 menu buttons to set the functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 RJ45 connectors
- IP65 powerCON TRUE1 TOP connector

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 3 DMX modes (37 to 61 DMX channels)

POWER SUPPLY
- 120 to 240 Volts – 50/60 Hz
- Power: 1,600 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- IP68 self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton made of die-cast aluminium
- Base in die-cast aluminium
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Eight ¼ turn routing points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -20°C (-4°F)
- Minimum usage distance: 3 m (9.84 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B: 2021
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 490 x 821 x 330 mm (l x h x d)
- Foam: 715 x 665 x 555 mm (l x h x d)

WEIGHT
- Product: 52 kg

PRODUCT CODE
- 012880: Domino Wash S IP65
- 012882: Domino Wash S IP66



DOMINO
WASH ST

Classical 9 Series

Luminous Flux
45,000 lm

Native CRI
› 80

Front Lens
210 mm

Beam Aperture
6.2 ° to 75 °

IP Rating
IP65

Weight
52 kg

For its first IP65 wash fixture developed for outdoor use, Ayrton has chosen a 210 mm Fresnel lens with a specific optical structure designed to accurately adapt the diffusion level according to your requirements. This optical combination that favours the use of framing shutter blades or geometric gobos significantly improves colour mix and can produce 10% more light than with a classic Fresnel lens F.O.S.™. Domino Wash ST introduces a brand new 1,000 W monochromatic LED source specially developed for studio and theatre applications. This LED source delivers light output of 45,000 lm and a D65 white point that allows perfect colour reproduction with a CRI greater than 80. The proprietary optical system of Domino Wash ST delivers a 12:1 zoom ratio and a zoom range of 6.2° at half peak to 75° at one-tenth peak.

This new luminaire adopts the complex colour mixing system of Huracán Wash, offering a double level of CMY saturation that can obtain 281 trillion colours and a triple corrector for variable colour temperature, allowing subtle adjustment from 2700 K to 15000 K and significant CRI improvement T.C.S.™. Domino Wash ST is factory-equipped with full features, including a framing section that allows accurate positioning of four shutter blades on a 100% surface area in all positions, so that the user can frame any object regardless of the luminaire's position. Domino Wash ST is also equipped with a wheel of seven rotating glass gobos, a 15-blade iris diaphragm and an CMY & RGB animation wheel. Domino Wash ST has a liquid cooling system fitted with six submersible fans outside its weatherproof enclosure. An all-terrain luminaire developed for resisting hot or cold weather, wind, rain, hail, sand, dust, Domino Wash ST aims to create unprecedented, incomparable and simply stunning atmospheres. This professional smart luminaire is geared for concerts, performing arts, theme parks, and film shoots. Together with Domino Profile and Domino LT, Domino Wash completes an exceptional trilogy.

OPTICS
- 13-element 12:1 zoom
- Beam aperture: 6.2° to 75°
- 210 mm Fresnel front lens

LIGHT SOURCE
- 68,000 lm white light engine
- Luminaire output: up to 45,000 lm
- Colour temperature output: 5800 K
- CRI: greater than 80
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: 540° (pan) and 270° (tilt)

COLOURS
- Sophisticated CMY colour mixing
- Variable CTB, CTO, CTP
- 6 complementary colours

GOBOS
- 7 indexable rotating gobos
- Adjustable-speed rotating gobo
- Image diameter: 25 mm

FRAMING SYSTEM
- 4 individually barndoors
- Positionable on 100% surface area
- Rotation of the module: ± 90°

IRIS DIAPHRAGM
- 15-blade iris diaphragm
- Range: 15% to 100% open

FROST
- 0% to 100% variable linear frost

EFFECTS
- Colour graphic animation effect-wheel
- Indexable de-focusable rotating beam shaping optic
- Continuous rotation in both directions

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 5 menu buttons to set the functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 RJ45 connectors
- IP65 powerCON TRUE1 TOP connector

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 3 DMX modes (37 to 61 DMX channels)

POWER SUPPLY
- 120 to 240 Volts – 50/60 Hz
- Power: 1,600 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- IP68 self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton made of die-cast aluminium
- Base in die-cast aluminium
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Eight ¼ turn routing points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -20°C (-4°F)
- Minimum usage distance: 3 m (9.84 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B: 2021
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 490 x 821 x 330 mm (l x h x d)
- Foam: 715 x 665 x 555 mm (l x h x d)

WEIGHT
- Product: 52 kg

PRODUCT CODE
- 012883: Domino Wash ST IP65
- 012884: Domino Wash ST IP66



DOMINO
WASH TC

Classical 9 Series

Luminous Flux
33,900 lm

Native CRI
› 95

Front Lens
210 mm

Beam Aperture
6.2° to 75°

IP Rating
IP65

Weight
52 kg

For its first IP65 wash fixture developed for outdoor use, Ayrton has chosen a 210 mm Fresnel lens with a specific optical structure designed to accurately adapt the diffusion level according to your requirements. This optical combination that favours the use of framing shutter blades or geometric gobos significantly improves colour mix and can produce 10% more light than with a classic Fresnel lens F.O.S.™. Domino Wash TC introduces a brand new 1,000 W monochromatic LED source specially developed for applications requiring perfect colour rendering. This version offers a CRI greater than 95 with extremely high TM30 values and a colour temperature of 6000 K. The proprietary optical system of Domino Wash TC delivers a 12:1 zoom ratio and a zoom range of 6.2° at half peak to 75° at one-tenth peak.

This new luminaire adopts the complex colour mixing system of Huracán Wash, offering a double level of CMY saturation that can obtain 281 trillion colours and a triple corrector for variable colour temperature, allowing subtle adjustment from 2700 K to 15000 K and significant CRI improvement T.C.S.™. Domino Wash TC is factory-equipped with full features, including a framing section that allows accurate positioning of four shutter blades on a 100% surface area in all positions, so that the user can frame any object regardless of the luminaire's position. Domino Wash TC is also equipped with a wheel of seven rotating glass gobos, a 15-blade iris diaphragm and an RGB & CMY animation wheel. Domino Wash TC has a liquid cooling system fitted with six submersible fans outside its weatherproof enclosure. An all-terrain luminaire developed for resisting hot or cold weather, wind, rain, hail, sand, dust, Domino Wash TC aims to create unprecedented, incomparable and simply stunning atmospheres. This professional smart luminaire is geared for concerts, performing arts, theme parks, and film shoots. Together with Domino Profile and Domino LT, Domino Wash completes an exceptional trilogy.

OPTICS
- 13-element 12:1 zoom
- Beam aperture: 6.2° to 75°
- 210 mm Fresnel front lens

LIGHT SOURCE
- 49,000 lm white light engine
- Luminaire output: up to 33,900 lm
- Colour temperature output: 6000 K
- CRI: greater than 95
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: 540° (pan) and 270° (tilt)

COLOURS
- Sophisticated CMY colour mixing
- Variable CTB, CTO, CTP
- 6 complementary colours

GOBOS
- 7 indexable rotating gobos
- Adjustable-speed rotating gobo
- Image diameter: 25 mm

FRAMING SYSTEM
- 4 individually barndoors
- Positionable on 100% surface area
- Rotation of the module: ± 90°

IRIS DIAPHRAGM
- 15-blade iris diaphragm
- Range: 15% to 100% open

FROST
- 0% to 100% variable linear frost

EFFECTS
- Colour graphic animation effect-wheel
- Indexable de-focusable rotating beam shaping optic
- Continuous rotation in both directions

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 5 menu buttons to set the functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 RJ45 connectors
- IP65 powerCON TRUE1 TOP connector

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 3 DMX modes (37 to 61 DMX channels)

POWER SUPPLY
- 120 to 240 Volts – 50/60 Hz
- Power: 1,600 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- IP68 self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton made of die-cast aluminium
- Base in die-cast aluminium
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Eight ¼ turn routing points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -20°C (-4°F)
- Minimum usage distance: 3 m (9.84 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B: 2021
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 490 x 821 x 330 mm (l x h x d)
- Foam: 715 x 665 x 555 mm (l x h x d)

WEIGHT
- Product: 52 kg

PRODUCT CODE
- 012885: Domino Wash TC IP65
- 012886: Domino Wash TC IP66



EAGLESTRIKE

Classical 9 Series

Illuminance at 10 m
› 100,000 lx

Native CRI
› 70

Front Lens
270 mm

Zoom Aperture
2.9° to 43°

IP Rating
IP65

Weight
54.7 kg

EagleStrike was born from a bespoke request for a signature luminaire. It stands as the first LED-source followspot in Ayrton's range, engineered for intensive outdoor use across long distances where precision is paramount. An optional camera enables EagleStrike to function as a remotely operated tracking spotlight... To create this uncompromising and unmatched extreme-luminaire, Ayrton developed an oversized 270 mm front lens weighing 7.7 kg, delivering an ultra-intense 2.9° beam. Its proprietary 13-lens optical system offers a 15:1 zoom ratio and a working range of 2.9° to 43°, with the ability to narrow the beam to 0.9° or 2.5° using dedicated gobo reducers. Equipped with a brand-new high-efficiency 1,200 W LED module, EagleStrike outputs a luminous flux of 55,000 lm at a colour temperature of 6500 K, and achieves a record-breaking illuminance of over 100,000 lux at 10 metres. The fixture introduces an entirely new ultra-fast CMY flag-based colour mixing system, capable of matching the speed of Ayrton's 'Ultimate' series luminaires. A progressive CTO offers subtle tuning from 2900 K to 6500 K. The colour section includes six complementary colour filters, two CRI enhancement filters, one minus green, one gobo correction and one multi-colour filters.

EagleStrike features a full-framing system with precise blade positioning across 100% of the field, and ± 90° rotation, allowing users to frame any object regardless of the luminaire's orientation. The effects section combines two overlaying rotating gobo wheels, each equipped with seven gobos, a 15-blade iris diaphragm, and a single-colour effects wheel. Designed with a range of optical tools for sculpting the light, EagleStrike includes two Frost filters—one with light diffusion that softens edges without altering the beam angle, and a high-diffusion variant for wash applications—as well as two combinable rotating image-multiplier prisms: a 4-facet linear and a 5-facet circular. Its minimalist design integrates all waterproofing features while maintaining full access to internal components. A next-generation oversized cooling system ensures high efficiency, featuring three submersible fans located outside the sealed housing. Continuous rotation on the pan axis expands creative potential and facilitates use in automatic followspot mode. EagleStrike will exceed your expectations.

OPTICS
- 13-element 15:1 zoom
- Beam aperture: 2.9° to 43°
- Beam reducer: 0.9° & 2.5°
- 270 mm front lens

LIGHT SOURCE
- 82,000 lm white light engine
- Luminaire output: up to 55,000 lm
- Illuminance: over 100,000 lx at 10 m (narrow angle)
- Colour temperature output: 6500 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Extremely accurate positioning
- Resolution 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: infinite (pan), 270° (tilt)

COLOURS
- Sophisticated CMY colour mixing
- Variable CTO 2900 to 6500 K
- 6 complementary colours
- 2 CRI, minus green, gobo correction and multicolour filters

GOBOS
- 7 indexable gobo: 5 glass & 2 beam reducers
- 7 indexable gobo: 5 metal gobos & 2 multicolor
- Adjustable-speed rotating gobo
- Gobo diameter: 30 mm
- Image diameter: 19 mm
- Gobo thickness: 0.5 to 2.2 mm

FRAMING SYSTEM
- 4 individually shutter blades
- Positionable on a 100% surface area
- Rotation of the module: ± 90°

IRIS DIAPHRAGME
- 15-blade iris diaphragm
- Range: 15% to 100% open

FROST
- 2 frost filters: one light (1°), one heavy (5°)

PRISMS
- 2 combinable rotating and indexable prisms
- One 5-facet circular, one 4-facet linear

EFFECTS
- Focusable graphic animation effect-wheel
- Continuous rotation in both directions

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 5 menu buttons to set functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 RJ45 IN / OUT connectors
- IP65 RJ45 for optional NDI Camera
- IP65 PowerCON TRUE1 TOP connector
- Option for an IP65 NDI Camera holder

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 2 DMX modes (from 44 to 66 DMX channels)

POWER SUPPLY
- 120 to 240 Volts – 50/60Hz
- Power: 1,450 W maximum
- Power: 1,295 W typical consumption at 230 V

COOLING SYSTEM
- Advanced liquid cooling system
- IP68 Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton made of aluminium
- Head & base in die-cast aluminium
- Heatsinks in aluminium and copper
- Arms moulded covers in ABS PC (V0 class)
- Four handles on the yoke
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Eight ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -20°C (-4°F)
- Minimum usage distance: 6 m (19.68 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: CFR 47, FCC Part 15, Subpart B:2023
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 450 x 898 x 413 mm (l x h x d)
- Foam: 690 x 770 x 560 mm (l x h x d)

WEIGHT
- Product: 54.7 kg

PRODUCT CODE
- 012840: EagleStrike IP65
- 042840: EagleStrike - Camera Enclosure

Specifications subject to change without notice.



MULTI SOURCES

3 SERIES

ZONDA 3 FX 42-43

ZONDA 3 WASH 44-45

6 SERIES

ARGO 6 FX 46-47

ARGO 6 WASH 48-49

NANDO 502 WASH 50-51

9 SERIES

WILDSUN K9 WASH 52-53

ZONDA 9 FX 54-55

ZONDA 9 WASH 56-57







ZONDA 3
FX

Multi Sources 3 Series

Luminous Flux **5,200 lm**	**Native CRI** **‹ 86**
Front Lens **170 mm**	**Beam Aperture** **4° to 56°**
IP Rating **IP20**	**Weight** **11.1 kg**

Akin to the Zonda 9, the latest addition to the Zonda family designed for stage lighting is an incredibly compact luminaire with unlimited creative potential. Zonda 3 is a versatile fixture with amazing effects that can switch from beam to wash with great ease. Its speed of movement and reduced dimensions increase its dynamic potential. Because of its size, it is easy to use in compositions with curtains or matrices. Fitted with seven high-performance 40 W LED sources with RGB-W, Zonda 3 offers a proprietary optical system made up of a unique 170 mm mono-block cluster in PMMA, which enhances beam coherence, and seven glass light guides with an output surface that has an optical micro-structure. A 50 mm truncated transmitting lens whose optical surface is equivalent to that of a 70 mm round lens, enables Zonda 3 to obtain a highly intensive beam with a zoom ratio of 14:1 and a wide zoom range of 4° to 56°. This LED/optical system combination is capable of producing light output of 5,200 lm and a perfectly homogeneous mixture of pastel and saturated colours regardless of the colour combination chosen.

Some luminaires have the power to transform the ordinary into the extraordinary. Zonda 3 FX is a creative, versatile and feature-rich luminaire that borrows from the main attributes of the Wash version. It offers continuous rotation of the pan and tilt movement I.R.S.™. Individual control of each LED allows you to achieve 3D volumetric effects. Perfect separation between the light sources helps to significantly boost the level of contrast and visual perception of multiple beams. This exceptional luminaire is equipped with a high-definition Liquid Effect™ located between its main lenses, which can generate complex graphic effects. It can be used alone or in combination with the main LED matrix. The library of effects in Zonda 3 FX provides a limitless source of inspiration. A new optimised cooling system, simplified lens guidance systems, and an ever smarter design of the internal structure have made it possible to reduce the size and weight of the luminaire considerably Slim-21™. All these innovations are the exclusive patents of Ayrton. Zonda 3 FX opens the doors of creativity.

OPTICS
- 2-element 14:1 zoom
- Beam aperture: 4° to 56°
- 7 x 50 mm truncated lenses
- 170 mm front lens cluster

LIGHT SOURCE
- 7 x 1,000 lm RGB-W LED source
- Luminaire output: up to 5,200 lm
- CRI: up to 86
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Extremely accurate positioning
- Resolution: 8- or 16-bit
- Smooth movements
- Pan and tilt automatic repositioning
- Range: infinite pan and tilt rotation

COLOURS
- Sophisticated 4 colours RGB-W mixed
- 4.29 bilion colours (8-bit resolution)
- Virtual colour wheel
- Dynamic colour macro effect

EFFECTS
- 2D & 3D graphical effects capabilities
- Built-in pattern effects
- Pixel control
- LiquidEffect™

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- Clicking jog wheel to set functions
- Integrated LumenRadio™ receiver
- XLR 5 pin connectors
- etherCON RJ45 connectors
- powerCON TRUE1 connectors

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 3 DMX modes (26 to 79 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60 Hz
- Power: 400 W maximum

COOLING SYSTEM
- Advanced cooling system
- Self-adjusting variable speed fans
- Selectable ventilation modes
- Excess-temperature protection

HOUSING
- Skeleton in aluminium and steel plates
- Base in die-cast aluminium
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Four ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -10°C (14°F)
- Minimum usage distance: 0.5 m (1.64 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B: 2021
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 365 x 404 x 233 mm (l x h x d)
- Foam: 420 x 438 x 280 mm (l x h x d)

WEIGHT
- Product: 11.1 kg

PRODUCT CODE
- 013250: Zonda 3 FX



ZONDA 3
WASH

Multi Sources 3 Series

Luminous Flux **5,200 lm**	**Native CRI** **‹ 86**
Front Lens **170 mm**	**Beam Aperture** **4° to 56°**
IP Rating **IP20**	**Weight** **11.1 kg**

Akin to the Zonda 9, the latest addition to the Zonda family designed for stage lighting is an incredibly compact luminaire with unlimited creative potential. Zonda 3 is a versatile fixture with amazing effects that can switch from beam to wash with great ease. Its speed of movement and reduced dimensions increase its dynamic potential. Because of its size, it is easy to use in compositions with curtains or matrices. Fitted with seven high-performance 40 W LED sources with RGB-W, Zonda 3 offers a proprietary optical system made up of a unique 170 mm mono-block cluster in PMMA, which enhances beam coherence, and seven glass light guides with an output surface that has an optical micro-structure. A 50 mm truncated transmitting lens whose optical surface is equivalent to that of a 70 mm round lens, enables Zonda 3 to obtain a highly intensive beam with a zoom ratio of 14:1 and a wide zoom range of 4° to 56°. This LED/optical system combination is capable of producing light output of 5,200 lm and a perfectly homogeneous mixture of pastel and saturated colours regardless of the colour combination chosen.

Like its older brother Zonda 9 Wash is a luminaire designed to cover an entire live entertainment stage. It is provided with additive colour synthesis that can reproduce precise, intense and deep colours. The careful colour mixing of the sources allows for perfect colour reproduction. A specially used black honeycomb and perfect separation of the light sources helps to significantly boost the level of contrast. A complete library of pre-programmed colours, created in collaboration with lighting designers, is instantly accessible. Zonda 3 Wash is as discreet as it is silent. A unique ventilation system was exclusively designed for this luminaire. A new optimised cooling system, simplified lens guidance systems, and an ever smarter design of the internal structure have made it possible to reduce the size and weight of the luminaire considerably Slim-21™.

OPTICS
- 2-element 14:1 zoom
- Beam aperture: 4° to 56°
- 7 x 50 mm truncated lenses
- 170 mm front lens cluster

LIGHT SOURCE
- 7 x 1,000 lm RGB-W LED source
- Luminaire output: up to 5,200 lm
- CRI: up to 86
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Extremely accurate positioning
- Resolution: 8- or 16-bit
- Smooth movements
- Pan and tilt automatic repositioning
- Range: 540° (pan) and 270° (tilt)

COLOURS
- Sophisticated 4 colours RGB-W mixed
- 4.29 bilion colours (8-bit resolution)
- Virtual colour wheel

EFFECTS
- 2D & 3D graphical effects capabilities
- Built-in pattern effects

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- Clicking jog wheel to set functions
- XLR 5 pin connectors
- etherCON RJ45 connectors
- powerCON TRUE1 connectors

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 3 DMX modes (26 to 46 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60 Hz
- Power: 400 W maximum

COOLING SYSTEM
- Advanced cooling system
- Self-adjusting variable speed fans
- Selectable ventilation modes
- Excess-temperature protection

HOUSING
- Skeleton in aluminium and steel plates
- Base in die-cast aluminium
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Four ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -10°C (14°F)
- Minimum usage distance: 0.5 m (1.64 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B: 2021
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 365 x 404 x 233 mm (l x h x d)

WEIGHT
- Product: 11.1 kg

OPTIONAL EQUIPMENT
- Foam: 420 x 438 x 280 mm (l x h x d)

PRODUCT CODE
- 013240: Zonda 3 Wash



ARGO 6
FX

Multi Sources 6 Series

Luminous Flux
13,000 lm

Native CRI
‹ 86

Front Lens
280 mm

Beam Aperture
4° to 56°

IP Rating
IP65

Weight
23.2 kg

Bringing you a sensation of freedom has always been one of Ayrton's most sincere promises. For the first time in its history, Ayrton is launching a weather-sealed effects luminaire that offers as much creative potential indoors as outside - Argo 6 FX. This luminaire presents a minimalist design incorporating features for total protection against harsh weather with easier internal access. The anti-reflective treated glass window guarantees an optimal visual result and offers increased performance. The placement of pan & tilt motors in the base and head of the luminaire avoids the constraint of weatherproofing the yoke arms. A new submersible ventilation system in a non-waterproof compartment allows for optimal cooling.

The power and visual performance of Argo 6 FX is ensured by a proprietary optical system consisting of a cluster of 19 lenses in PMMA with a diameter of 280 mm, combined with 19 glass light guides with an output surface made of an optical micro structure. Argo 6 FX can obtain a highly intense beam with a zoom ratio of 14:1 and a wide zoom range from 4° to 56°. Argo 6 FX is equipped with 19 LEDs of 40 W with RGB-W additive colour synthesis that can obtain light output of 13,000 lm. Argo 6 FX is a versatile fully-equipped luminaire designed for a multitude of applications. It borrows from the main features of the Wash version. It offers continuous rotation of the pan and tilt movement I.R.S.™. Argo 6 FX is equipped with a high-definition liquid effect system enhanced by a translucent honeycomb that can generate complex graphic effects LiquidEffect™. It can be used alone or in combination with the main LED matrix. By allowing for more precision and exactness, Argo 6 FX adds a breath of creativity. Rediscover a new sense of pure freedom.

OPTICS
- 2 elements 14:1 zoom
- Beam aperture: 4° to 56°
- 19 x 50 mm truncated lenses
- 280 mm front lens cluster

LIGHT SOURCE
- 19 x 1,000 lm RGB-W LED sources
- Luminaire output: up to 13,000 lm
- CRI: up to 86
- Rated life (L70): greater than 20,000 hours
- Flicker-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: infinite pan and tilt rotation

COLOURS
- Sophisticated 4 colours RGB-W mixed
- 4.29 billion colours (8-bit resolution)
- Virtual colour wheel
- Dynamic colour macro effect

EFFECTS
- 2D & 3D graphical effects capabilities
- Built-in pattern effects
- Pixel control
- LiquidEffect™

DIMMER/STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 5 menu buttons to set functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 etherCON RJ45 connectors
- IP65 powerCON TRUE1 TOP connectors

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 3 DMX modes (26 to 127 DMX channels)

POWER SUPPLY
- 100 to 240 Volts - 50/60 Hz
- Power: 950 W maximum

COOLING SYSTEM
- Advanced cooling system
- Self adjusting variable speed fans
- Selectable ventilation users modes
- Excess-temperature protection

HOUSING
- Skeleton in aluminium
- Base in die-cast aluminium
- Heatsinks in aluminium
- Moulded covers in ABS PC (V0 class)
- Front window in Glass IK08 rated
- Two-sides handles
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Four ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -20°C (-4°F)
- Minimum usage distance: 0.5 m (1.64 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B: 2021
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 436 x 536 x 280 mm (l x h x d)
- Foam: 485 x 560 x 350 mm (l x h x d)

WEIGHT
- Product: 24.2 kg

PRODUCT CODE
- 019650: Argo 6 FX IP65
- 019652: Argo 6 FX IP66



ARGO 6
WASH

Multi Sources 6 Series

Luminous Flux
13,000 lm

Native CRI
‹ 86

Front Lens
280 mm

Beam Aperture
4° to 56°

IP Rating
IP65

Weight
23.2 kg

Bringing you a sensation of freedom has always been one of Ayrton's most sincere promises. For the first time in its history, Ayrton is launching a weather-sealed effects luminaire that offers as much creative potential indoors as outside - Argo 6 Wash. This luminaire presents a minimalist design incorporating features for total protection against harsh weather with easier internal access. The anti-reflective treated glass window guarantees an optimal visual result and offers increased performance. The placement of pan & tilt motors in the base and head of the luminaire avoids the constraint of weatherproofing the yoke arms. A new submersible ventilation system in a non-waterproof compartment allows for optimal cooling.

The power and visual performance of Argo 6 Wash is ensured by a proprietary optical system consisting of a cluster of 19 lenses in PMMA with a diameter of 280 mm, combined with 19 glass light guides with an output surface made of an optical micro structure. Argo 6 Wash can obtain a highly intense beam with a zoom ratio of 14:1 and a wide zoom range from 4° to 56°. Argo 6 Wash is equipped with 19 LEDs of 40 W with RGB-W additive colour synthesis that can obtain light output of 13,000 lm. For the first time, Ayrton has provided individual control of the LEDs on Wash version and added a virtually infinite library of effects. Argo 6 Wash is a precise machine that can obtain perfect colour reproduction. A complete library of pre-programmed colours allows you to quickly create subtle, dense and contrasting swaths of light. Its black honeycomb and perfect separation of the light sources help to significantly boost the level of contrast. It can be used alone or in combination with the main LED matrix. By allowing for more precision and exactness, Argo 6 Wash adds a breath of creativity. Rediscover a new sense of pure freedom.

OPTICS
- 2 elements 14:1 zoom
- Beam aperture: 4° to 56°
- 19 x 50 mm truncated lenses
- 280 mm front lens cluster

LIGHT SOURCE
- 19 x 1,000 lm RGB-W LED sources
- Luminaire output: up to 13,000 lm
- CRI: up to 86
- Rated life (L70): greater than 20,000 hours
- Flicker-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: 540° (pan) and 270° (tilt)

COLOURS
- Sophisticated 4 colours RGB-W mixed
- 4.29 billion colours (8-bit resolution)
- Virtual colour wheel
- Dynamic colour macro effect

EFFECTS
- 2D & 3D graphical effects capabilities
- Built-in pattern effects
- Ring control

DIMMER/STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 5 menu buttons to set functions
- IP65 XLR 5 pin connectors
- IP65 etherCON RJ45 connectors
- IP65 powerCON TRUE1 TOP connectors

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 3 DMX modes (26 to 67 DMX channels)

POWER SUPPLY
- 100 to 240 Volts - 50/60 Hz
- Power: 950 W maximum

COOLING SYSTEM
- Advanced cooling system
- Self adjusting variable speed fans
- Selectable ventilation users modes
- Excess-temperature protection

HOUSING
- Skeleton in aluminium
- Base in die-cast aluminium
- Heatsinks in aluminium
- Moulded covers in ABS PC (V0 class)
- Front window in Glass IK08 rated
- Two-sides handles
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Four ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -20°C (-4°F)
- Minimum usage distance: 0.5 m (1.64 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B: 2021
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 436 x 536 x 280 mm (l x h x d)

WEIGHT
- Product: 24.2 kg

OPTIONAL EQUIPMENT
- Foam: 485 x 560 x 350 mm (l x h x d)

PRODUCT CODE
- 019640: Argo 6 Wash IP65
- 019642: Argo 6 Wash IP66



NANDO 502
WASH

Multi Sources 6 Series

Luminous Flux
11,000 lm

Native CRI
› 86

Front Lens
210 mm

Beam Aperture
3.5° to 53°

IP Rating
IP65

Weight
15.6 kg

Nando 502 Wash is an incredibly compact luminaire for stage lighting, specially designed for mixed use, both indoors and outdoors, and in salty environments. The new minimalist design of Nando 502 Wash ensures full accessibility to all functions on this lightweight luminaire. By decreasing the thickness of the aluminium parts, optimising the cooling system, simplifying lens guidance, and integrating low-density optical components, Ayrton has been able to reduce overall weight by 20%. Nando 502 Wash is fitted with 12 high-performance 40 W LED sources with RGB-L additive colour synthesis and a proprietary optical system made up of a unique 210 mm cluster in PMMA. This works in combination with 12 glass light-guides with an output surface made of an optical micro-structure. Perfectly suited to stage lighting, this new LED source offers the advantage of better integration into the colour space and facilitates colour reproduction.

Nando 502 Wash can achieve a luminous flux of 11,000 lm and offer a perfectly homogeneous mix of pastel or saturated colours. Nando 502 Wash is a precision machine that allows perfect colour reproducibility with a colour rendering index greater than 86. Versatile, it can instantly switch from beam to wash with an excellent zoom ratio of 15:1 and a zoom range of 3.5° to 53°. Its black honeycomb and perfect separation of the light sources help to significantly boost the level of contrast. The anti-reflective treated glass window guarantees an optimal visual result and increased performance. A new submersible ventilation system in a non-waterproof compartment allows for optimal cooling. A complete library of pre-programmed colours allows you to quickly create subtle, dense and contrasted swaths of colour. Ayrton has installed separate LED source control channels on all Wash versions and included a virtually infinite library of effects.

OPTICS
- 2 elements 15:1 zoom
- Beam aperture: 3.5° to 53°
- 12 x 70 mm truncated lenses
- 210 mm front lens cluster

LIGHT SOURCE
- 12 x 1,000 lm RGB-L LED sources
- Luminaire output: up to 11,000 lm
- CRI: greater than 86
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: 540° (pan) and 270° (tilt)

COLOURS
- Sophisticated 4 colours RGB-L mixed
- 4.29 billion colours (8 bit resolution)
- Virtual colour wheel
- Virtual CTO wheel

EFFECTS
- 2D & 3D graphical effects capabilities
- Built-in pattern effects
- Pixel control

DIMMER/STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- Clicking jog wheel to set functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 etherCON RJ45 connectors
- IP65 powerCON TRUE1 connectors

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- Choice of 3 DMX modes (26 to 86 DMX channels)

POWER SUPPLY
- 100 to 240 Volts - 50/60 Hz
- Power: 550 W maximum

COOLING SYSTEM
- Advanced cooling system
- Self adjusting variable speed fans
- Selectable ventilation modes
- Excess-temperature protection

HOUSING
- Skeleton in aluminium
- Base in die-cast aluminium
- Moulded covers in ABS PC (V0 class)
- Two-sides handles
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Four ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -20°C (-4°F)
- Minimum usage distance: 1 m (3.28 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B: 2021
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 342 x 467 x 268 mm (l x h x d)

WEIGHT
- Product: 15.6 kg

OPTIONAL EQUIPMENT
- Foam: 395 x 480 x 335 mm (l x h x d)

PRODUCT CODE
- 013420: Nando 502 Wash



WILDSUN K9
WASH

Multi Sources 9 Series

Luminous Flux
63,000 lm

Native CRI
› 92

Front Lens
384 mm

Beam Aperture
10° to 60°

IP Rating
IP20

Weight
26.9 kg

The new WildSun K9 Wash is a highly evolved variant of the WildSun K25 TC, specially geared to shooting TV video and broadcasting in high-definition. With a brand new sleek design and a visual footprint 21% smaller, its weight has been drastically reduced by 26%, allowing for better integration. This unique LED luminaire measures up to the classic Fresnel HMI 4000 lights in terms of pure output. Fitted with 217 next-generation high-output LEDs, the luminaire delivers more than 60,000 lm of overall output with 40% less energy consumption. No lamp replacement is necessary. Producing extremely high-quality light without flickering, this luminaire achieves a colour temperature perfectly calibrated at 5700 K and a colour rendering index greater than 92. WildSun K9 Wash is particularly suitable for sporting events, fashion shows, car shows, or any prestigious events requiring powerful, high-quality light and perfectly rendered colour.

WildSun K9 Wash is a powerhouse of technology and innovation. With the same basic specifications as WildSun K25 TC, it is equipped with powerful tri-phase stepper motors that allow fast, accurate and silent positioning. Ayrton developed special silicone-based high-output optics for this projector, ensuring perfect stability over time. Its optical zoom has a 6:1 ratio with a zoom range of 10° to 60°. Luminous intensity can be fine-tuned using a precision electronic dimmer, for even greater flexibility of use. The light fixture output is equipped with a protective holographic filter in polycarbonate and an honeycomb system to prevent glare. The user can control each concentric circle individually to adjust the luminaire's power accordingly or create dynamic effects for stage lighting.

OPTICS
- 1 element 6:1 zoom
- Beam aperture: 10° to 60°
- 217 individual lenses
- 384 mm front lens cluster

LIGHT SOURCE
- 217 mono-chip High-Power LED sources
- Luminaire output: up to 63,000 lm
- CRI: greater than 92
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: 540° (pan) and 270° (tilt)

COLOURS
- Monochromatic daylight source 5700 K

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- Clicking jog wheel to set functions
- Integrated LumenRadio™ receiver
- XLR 5 pin connectors
- etherCON RJ45 connectors
- powerCON TRUE1 connector

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode
- ArtNet™ & sACN protocol
- 3 DMX modes (14 to 30 DMX channels)

POWER SUPPLY
- 120 to 240 Volts – 50/60Hz
- Power: 1,500 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- Self-adjusting variable speed fans
- Selectable ventilation modes
- Excess-temperature protection

HOUSING
- Skeleton in aluminium and steel plates
- Base in die-cast alluminium
- Moulded covers ABS PC (V0 class)
- Two-sides handles
- Four heavy-duty feet
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Eight ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -10°C (-4°F)
- Minimum usage distance: 3 m (9.84 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & FCC Part 15, Subpart B: 2018
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 530 x 625 x 280 mm (l x h x d)
- Foam: 580 x 611 x 345 mm (l x h x d)

WEIGHT
- Product: 26.9 kg

PRODUCT CODE
- 013940: WildSun K9 Wash



ZONDA 9
FX

Multi Sources 9 Series

Luminous Flux
25,000 lm

Native CRI
‹ 86

Front Lens
384 mm

Beam Aperture
4° to 56°

IP Rating
IP20

Weight
29.2 kg

Zonda 9 FX is the first luminaire in a new family of products devised for stage lighting, equipped with a high-performance 40 W LED source with RGB-W additive colour synthesis. This fixture offers a proprietary optical system consisting of a wide dial of 37 lenses in PMMA, 384 mm in diameter, combined with 37 glass light guides with an output surface made of an optical micro-structure. This LED/optical system combination can produce powerful light output of 25,000 lm and a perfectly homogeneous mixture of pastel and saturated colours, regardless of the colour mix chosen. The perfectly crisp separation between the light sources helps to reinforce the level of contrast. Endowed with a 50 mm truncated transmitting lens with an optical surface equivalent to that of a 70 mm round lens, Zonda 9 FX can obtain a highly intensive beam with a zoom ratio of 14:1 and a wide zoom range of 4° to 56°.

A new optimised cooling system, simplified lens guidance systems, and ever smarter design of the internal structure have made it possible to reduce the size and weight of the luminaire considerably Slim-21™. Zonda 9 FX is a versatile fully-equipped luminaire designed for a multitude of applications. It borrows from the main features of the Wash version and offers infinite continuous rotation on the pan & tilt axes I.R.S.™. Individual control of each LED allows you to achieve 3D volumetric effects. Zonda 9 FX can produce a high-definition liquid effect from between its main lenses to create complex graphic effects LiquidEffect™. This effect can be used alone or in combination with the main LED matrix. Zonda 9 FX is a marvel of technology geared for creativity.

OPTICS
- 2-element 14:1 zoom
- Beam aperture: 4° to 56°
- 37 x 50 mm truncated lenses
- 384 mm front lens cluster

LIGHT SOURCE
- 37 x 1,000 lm RGB-W LED sources
- Luminaire output: up to 25,000 lm
- CRI: up to 86
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: infinite pan and tilt rotation

COLOURS
- Sophisticated 4 colours RGB-W mixed
- 4.29 bilion colours (8-bit resolution)
- Virtual colour wheel
- Dynamic colour macro effect

EFFECTS
- 2D & 3D graphical effects capabilities
- Built-in pattern effects
- Pixel control
- LiquidEffect™

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- Clicking jog wheel to set functions
- Integrated LumenRadio™ receiver
- XLR 5 pin connectors
- etherCON RJ45 connectors
- powerCON TRUE1 connector

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 3 DMX modes (26 to 199 DMX channels)

POWER SUPPLY
- 120 to 240 Volts – 50/60 Hz
- Power: 1,400 W maximum

COOLING SYSTEM
- Advanced cooling system
- Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton in aluminium and steel plates
- Base in die-cast aluminium
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Eight ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -10°C (14°F)
- Minimum usage distance: 3 m (9.84 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B: 2020
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 530 x 625 x 280 mm (l x h x d)
- Foam: 580 x 611 x 345 mm (l x h x d)

WEIGHT
- Product: 29.2 kg

PRODUCT CODE
- 013750: Zonda 9 FX



ZONDA 9
WASH

Multi Sources 9 Series

Luminous Flux
25,000 lm

Native CRI
‹ 86

Front Lens
384 mm

Beam Aperture
4° to 56°

IP Rating
IP20

Weight
29.2 kg

Zonda 9 Wash is the first luminaire in a new family of products devised for stage lighting, equipped with a high-performance 40 W LED source with RGB-W additive colour synthesis. This fixture offers a proprietary optical system consisting of a wide dial of 37 lenses in PMMA, 384 mm in diameter, combined with 37 glass light guides with an output surface made of an optical micro-structure. This LED/optical system combination can produce powerful light output of 25,000 lm and a perfectly homogeneous mixture of pastel and saturated colours, regardless of the colour mix chosen. The perfectly crisp separation between the light sources helps to reinforce the level of contrast. Endowed with a 50 mm truncated transmitting lens with an optical surface equivalent to that of a 70 mm round lens, Zonda 9 Wash can obtain a highly intensive beam with a zoom ratio of 14:1 and a wide zoom range of 4° to 56°.

A new optimised cooling system, simplified lens guidance systems, and ever smarter design of the internal structure have made it possible to reduce the size and weight of the luminaire considerably Slim-21™. Zonda 9 Wash is a radical luminaire intended for stage lighting in the true sense. The careful colour mixing of the sources allows for perfect colour reproduction. You can control each concentric circle to adjust the size of the emitting surface and the luminaire's power. A complete library of pre-programmed colours created in collaboration with lighting designers is instantly accessible. A silent ventilation mode was specially developed for this fixture. Zonda 9 Wash is a marvel of technology geared for creativity.

OPTICS
- 2-element 14:1 zoom
- Beam aperture: 4° to 56°
- 37 x 50 mm truncated lenses
- 384 mm front lens cluster

LIGHT SOURCE
- 37 x 1,000 lm RGB-W LED sources
- Luminaire output: up to 25,000 lm
- CRI: up to 86
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: 540° (pan) and 270° (tilt)

COLOURS
- Sophisticated 4 colours RGB-W mixed
- 4.29 bilion colours (8-bit resolution)
- Virtual colour wheel
- Dynamic colour macro effect

EFFECTS
- 2D & 3D graphical effects capabilities
- Built-in pattern effects
- Ring control

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- Clicking jog wheel to set functions
- XLR 5 pin connectors
- etherCON RJ45 connectors
- powerCON TRUE1 connector

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 3 DMX modes (26 to 54 DMX channels)

POWER SUPPLY
- 120 to 240 Volts – 50/60 Hz
- Power: 1,400 W maximum

COOLING SYSTEM
- Advanced cooling system
- Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton in aluminium and steel plates
- Base in die-cast aluminium
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Eight ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -10°C (14°F)
- Minimum usage distance: 3 m (9.84 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B: 2020
- Substance regs: RoHS, REACH, CP65

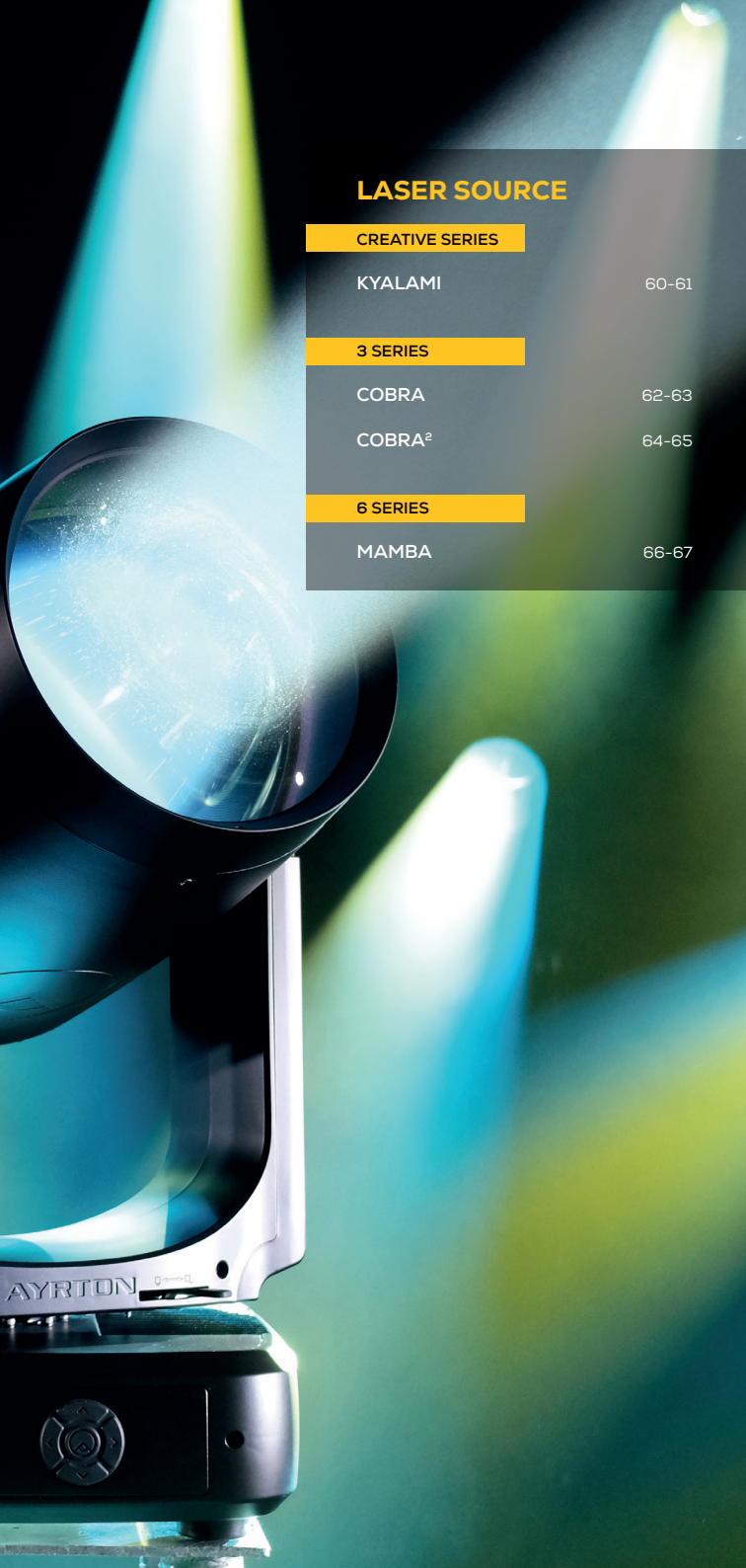
SIZE
- Product: 530 x 625 x 280 mm (l x h x d)

WEIGHT
- Product: 29.2 kg

OPTIONAL EQUIPMENT
- Foam: 580 x 611 x 345 mm (l x h x d)

PRODUCT CODE
- 013740: Zonda 9 Wash





LASER SOURCE

CREATIVE SERIES

KYALAMI 60-61

3 SERIES

COBRA 62-63

COBRA² 64-65

6 SERIES

MAMBA 66-67



KYALAMI

Laser Source Creative Series

Illuminance at 10 m
400,000 lx

Native CRI
› 70

Front Lens
126 mm

Beam Aperture
1°

IP Rating
IP65

Weight
14.5 kg

In 2015, Ayrton launched the revolutionary MagicDot, an exceptional and utterly creative luminaire that sold by the thousands within months, earning numerous awards worldwide. Nine years later, with solid experience in making laser source luminaires, Ayrton has developed Kyalami, the first phosphor laser source luminaire in its Creative Series based on the MagicDot concept. The essential performance capability of Kyalami is based on its unique design, extreme miniaturization, and a minimalist cylindrical footprint that allows multiple luminaires to be installed only a few centimetres apart. A sphere of only 265 mm incorporates its 100 W laser module with a cooling system and optics. Kyalami offers a next generation speckle-free laser source designed for rendering a D65 white point that allows perfect colour reproduction. It pushes all the limits when it comes to beam definition, with native contrast never before achieved by a digital light source, an incredible 1° beam angle, and an extreme range of focus that permits the beam shape to be adjusted according to the operating distance.

A 126 mm front lens positioned in the continuity of the sphere provides Kyalami with a unique visual signature. The proprietary three-lens optical system produces an intensive 1° beam, delivering a record luminous flux of 400,000 lux at 10 m. Kyalami is provided with a highly innovative colour section including a high-definition progressive CMY colour mixing system and a multi-position instant access colour wheel equipped with five corrective filters, and 17 complementary colour filters. Kyalami has unrivalled graphics capability, offering a wide choice of 29 fixed metal gobos designed to sculpt light in 'beam' mode. These gobos can be blended with two individually combinable rotating prisms allowing you to produce a multitude of volumetric lighting effects. A light and heavy frost filter complete the graphic tool palette. Kyalami adopts a minimalist style due to simplified waterproofing and the continuous rotation of the pan and tilt movement, increasing the possibilities for generating complex effects and making this luminaire a universal tool capable of meeting any challenge in all conditions. This new ultra-compact luminaire devised for architectural graphic effects offers incredible creative potential.

OPTICS
- 3-element optic system
- Beam aperture: 1°
- Fast motorised linear focus

LIGHT SOURCE
- Illuminance: 400,000 lux at 10 m
- Colour temperature output: 9000 K
- CRI: greater than 70
- Rated life (L70): up to 12,000 hours
- Speckle-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: infinite pan and tilt rotation

COLOURS
- Sophisticated CMY colour mixing
- 5 colours temperature correction
- 17 complementary colours

GOBOS
- 29 fixed metal gobos
- Image diameter: 3 mm

FROST
- 2 frost filters: one light, one heavy

EFFECTS
- 2 combinable rotating and indexable prisms
- One 8-facet circular, one 5-facet linear

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 5 menu buttons to set functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 RJ45 IN/OUT connectors
- IP65 PowerCON TRUE1 TOP IN/OUT connectors

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- Footprint of 33 DMX channels

POWER SUPPLY
- 100 to 240 Volts – 50/60 Hz
- Power: 200 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- IP68 Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton in aluminium
- Base in die-cast aluminum
- Heatsinks in aluminium and copper
- Moulded covers ABS PC (V0 class)
- Tow handles for transportation
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Four ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -20°C (-4°F)
- Minimum usage distance: 15 m (49.21 ft.)

COMPLIANCE
- EEMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B:2021
- Certified and compliant with US FDA CDRH laser product requirements
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 265 x 430 x 265 mm (l x h x d)

WEIGHT
- Product: 14.5 kg

OPTIONAL EQUIPMENT
- Foam: 320 x 460 x 320 mm (l x h x d)
- Dual Foam: 580 x 410 x 560 mm (l x h x d)

PRODUCT CODE
- 014042: Kyalami IP65
- 014043: Kyalami IP66



COBRA

Laser Source 3 Series

Illuminance at 10 m
1,544,000 lx

Native CRI
› 65

Front Lens
170 mm

Beam Aperture
0.6° to 23°

IP Rating
IP65

Weight
33 kg

Cobra is the first factory standard Ayrton phosphor laser source luminaire based on the concept of DreamSpot 18K, presented at Prolight+Sound 2016. Several years of development have gone into designing and finalising this exceptional luminaire, which offers a next generation speckle-free laser source, designed for rendering a D65 white point that allows perfect colour reproduction. Cobra pushes all the limits when it comes to beam definition, with native contrast never before achieved by a digital light source, an incredible beam angle of 0.6°, and an extreme range of focus which permits the beam shape to be adjusted according to the operating distance XT-Focus™. Fitted with a 170 mm front lens, the proprietary optical system uses 13 lenses, producing an unprecedented 38x zoom ratio and a zoom range of 0.6° to 23°. Cobra adopts a particularly minimalist style, extremely well-balanced due to the luminaire's simplified waterproofing EasyProtect-65™, and the continuous rotation of the pan and tilt movement, multiplying the possibilities for creating complex effects I.R.S.™ and making this luminaire a universal tool capable of meeting any challenge in all conditions.

Cobra is provided with a highly innovative colour section including a CMY mixing system and a multi-position instant access wheel equipped with 6 corrective filters, 21 complementary colour filters, and a variable CTO on two concentric circles 2D-ColorWheel™. Cobra has an unrivalled graphics capability, offering a wide choice of 92 fixed and rotating metal gobos distributed on two wheels specifically created to sculpt light in 'beam' mode and incorporates an animation section on the gobo wheel 2D-GoboWheel™. These gobos can be blended with two sections of four individually combinable rotating prisms allowing you to produce a multitude of volumetric lighting effects. A light and heavy frost filter complete Cobra's graphic tool palette. Well-suited for use indoors as well as outdoors, Cobra was developed as a unique versatile luminaire that incorporates all waterproof features, while remaining easily accessible and limited in weight. Able to operate in the most extreme situations, it has a sunlight protection system SunProtect-65™ and an integrated heating system that safeguards against temperatures below -20°C (-4°F) ColdProtect-65™. But above all, Cobra is the only luminaire on the market capable of illuminating an object several kilometres away... Cobra is simply unique.

OPTICS
- 13-element 38:1 zoom
- Beam aperture: 0.6° to 23°
- 170 mm front lens

LIGHT SOURCE
- Laser phosphore engine
- Illuminance: up to 1,544,000 lux at 10 m
- Colour temperature output: 6500 K
- CRI: greater than 65
- Rated life (L70): up to 12,000 hours
- Speckle-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: infinite pan and tilt rotation

COLOURS
- Sophisticated CMY colour mixing
- Variable CTO
- 21 complementary colours
- 6 colours temperature correction

GOBOS
- 12 indexable rotating gobos
- Adjustable-speed rotating gobo
- 80 fixed metal gobos
- Image diameter: 4 mm

FROST
- 2 frost filters: one light, one heavy

PRISMS
- 2 combinable sections of 4 rotating and indexable prisms

EFFECTS
- Focusable graphic animation effect-wheel
- Continuous rotation in both directions

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 5 menu buttons to set the functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 RJ45 connectors
- IP65 powerCON TRUE1 TOP connectors

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 3 DMX modes (35 to 45 DMX channels)

POWER SUPPLY
- 100 to 240 Volts - 50/60 Hz
- Power: 480 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- IP68 Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton in aluminium
- Base in die-cast aluminium
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Four ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45 °C (113°F)
- Minimum temperature: -20°C (-4°F)
- Minimum usage distance: 25 m (82 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & FR 47, FCC Part 15, Subpart B: 2020
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 422 x 663 x 280 mm (l x h x d)
- Foam: 485 x 565 x 560 mm (l x h x d)

WEIGHT
- Product: 33 kg

PRODUCT CODE
- 014170: Cobra IP65
- 014172: Cobra IP66



COBRA²

Laser Source 3 Series

Illuminance at 10 m
1,544,000 lx

Native CRI
› 65

Front Lens
170 mm

Beam Aperture
0.9° to 23°

IP Rating
IP65

Weight
30.7 kg

Cobra² is an evolution of the famous Cobra, which has sold several thousand units worldwide. Cobra² has been specifically developed for use in the United States. It is certified and compliant with US FDA CDRH laser product requirements, which complies with the strictest safety standards for laser sources. This new luminaire incorporates several sensors that analyse the position and the size of the beam in real time. An interface can be used to determine projection exclusion zones by integrating safety distances. Cobra² pushes back all the limits in terms of beam definition, with a native contrast never achieved by a digital light source. Cobra² offers an incredible beam angle of 0.9° and an extreme focusing range that allows the shape of the beam to be adjusted according to the distance of use. Cobra² features a new-generation speckle-free laser source, developed to deliver D65 white point for perfect colour reproduction. Featuring a 170 mm front lens, the proprietary 13-lens optical system offers an unprecedented 38x zoom range.

Cobra² features a highly innovative colour section including a CMY mixing system and an instant-access multi-position wheel equipped with 6 corrective filters, 21 complementary colour filters and a progressive CTO on two concentric circles. Cobra² boasts unrivalled graphics capability, with a vast choice of 92 fixed and rotating metal gobos on two wheels, specifically designed to sculpt light in beam mode, and incorporating an animation wheel. These gobos can be combined with two palettes of 4 individual, combinable rotating prisms to create a multitude of volumetric effects. Two light and heavy frost filters complete the Cobra²'s palette of graphics tools. Equally at home indoors or outdoors, Cobra² has been developed as a unique multi-purpose luminaire that incorporates all the waterproofing functions while retaining total accessibility and contained weight. It is capable of operating in the most extreme situations, has a protection system against the sun's rays and an integrated heating system against temperatures below -20°C (-4°F). Cobra² is as unique as ever.

OPTICS
- 13-element 38:1 zoom
- Beam aperture: 0.9° to 23°
- 170 mm front lens

LIGHT SOURCE
- Laser phosphore engine
- Illuminance: up to 1,544,000 lux at 10 m
- Colour temperature output: 6500 K
- CRI: greater than 65
- Rated life (L70): up to 12,000 hours
- Speckle-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: infinite pan and tilt rotation

COLOURS
- Sophisticated CMY colour mixing
- Variable CTO
- 21 complementary colours
- 6 colours temperature correction

GOBOS
- 12 indexable rotating gobos
- Adjustable-speed rotating gobo
- 80 fixed metal gobos
- Image diameter: 4 mm

FROST
- 2 frost filters: one light, one heavy

PRISMS
- 2 combinable sections of 4 rotating and indexable prisms

EFFECTS
- Focusable graphic animation effect-wheel
- Continuous rotation in both directions

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 5 menu buttons to set the functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 RJ45 connectors
- IP65 powerCON TRUE1 TOP connectors

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 3 DMX modes (35 to 45 DMX channels)

POWER SUPPLY
- 100 to 240 Volts - 50/60 Hz
- Power: 480 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- IP68 Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton in aluminium
- Base in die-cast aluminium
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Four ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -20°C (-4°F)
- Minimum usage distance: 25 m (82 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B: 2021
- Certified and compliant with US FDA CDRH laser product requirements
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 360 x 674 x 319 mm (l x h x d)
- Foam: 485 x 565 x 560 mm (l x h x d)

WEIGHT
- Product: 30.7 kg

PRODUCT CODE
- 014175: Cobra² IP65
- 014177: Cobra² IP66



MAMBA

Laser Source 6 Series

Illuminance at 10 m
2,600,000 lx

Native CRI
› 67

Front Lens
250 mm

Beam Aperture
0.7° to 15°

IP Rating
IP65

Weight
41 kg

After the global triumph of Cobra—sold in thousands across the world—Ayrton unveils Mamba, a groundbreaking, versatile lighting concept. Equipped with a laser source twice as powerful, Mamba delivers a multitude of breathtaking new psychedelic effects that are nothing short of spectacular. Mamba boasts unmatched graphic capabilities, featuring 18 motors dedicated solely to effect creation. It offers a vast selection of 92 fixed and rotating metal gobos across two wheels, specifically designed to sculpt light in 'beam' mode. An endlessly rotating ovoid animation wheel adds to its dynamic arsenal. The gobos can be paired with an initial level of two palettes, each containing four individually rotating prisms that can be combined. These can then be linked to a second level of four combinable prisms situated at the front of the fixture, enabling the creation of a multitude of complex volumetric effects. Completing its graphic toolkit are two Frost filters. Mamba introduces a highly innovative colour section, including a brand-new high-definition gradient CMY mixing system and an instant-access multi-position wheel equipped with 15 complementary colour filters, two multicolour filters, two CTP correctors, a variable CTO, and three multicolour sections—RGB, CMY, and RGB+CMY—spread over two concentric circles.

Fitted with a 250 mm front lens, the proprietary 13-lens optical system offers a 21x zoom range and an operating span from 0.7° to 15°, pushing the boundaries of beam definition with a native contrast unparalleled by any digital light source. Mamba features an extreme focusing range that allows you to adjust the beam shape based on the operating distance. With continuous pan and tilt rotation multiplying the possibilities for creating complex effects, this fixture becomes a universal tool capable of tackling any challenge in any condition. Developed as a versatile fixture, Mamba operates flawlessly both outdoors and indoors—even in saline environments—while maintaining full accessibility and an incredible weight of just 41 kg. It's equipped with a sun protection system and an integrated heating system that withstands temperatures as low as -20°C (-4°F).

OPTICS
- 13-element 21:1 zoom
- Beam aperture: 0.7° to 15°
- 250 mm front lens

LIGHT SOURCE
- Laser phosphore engine
- Illuminance: 2,600,000 lux at 10 m
- Colour temperature output: 9000 K
- CRI: greater than 67
- Rated life (L70): up to 12,000 hours
- Speckle-free source

MOVEMENT
- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: infinite pan and tilt rotation

COLOURS
- Sophisticated CMY colour mixing
- Variable CTO
- 15 complementary colours
- 2 minus green filters
- 2 multicolour filters
- 3 coloured animation sections

GOBOS
- 12 indexable rotating quartz glass gobos
- Adjustable-speed rotating gobo
- 80 fixed metal gobos
- Gobo diameter: 6.9 mm
- Image diameter: 4 mm

FROST
- 2 frost filters: one light, one heavy

EFFECTS
- Monochromatic graphical animation effects wheel with continuous rotation in both directions
- 2 set of 4 combinable rotating and indexable prisms
- 2 extra set of 2 combinable rotating and indexable prisms

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 5 menu buttons to set functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 RJ45 connectors
- IP65 powerCON TRUE1 TOP connectors

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 47 DMX channels

POWER SUPPLY
- 100 to 240 Volts – 50/60Hz
- Power: 800 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- IP68 Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton made of aluminium
- Base in die-cast aluminium
- Heatsinks in aluminium and copper
- Moulded covers ABS PC (V0 class)
- Four handles on the yoke
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Four ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45°C (113°F)
- Minimum temperature: -20°C (-4°F)
- Minimum usage distance: 35 m (114.83 ft)

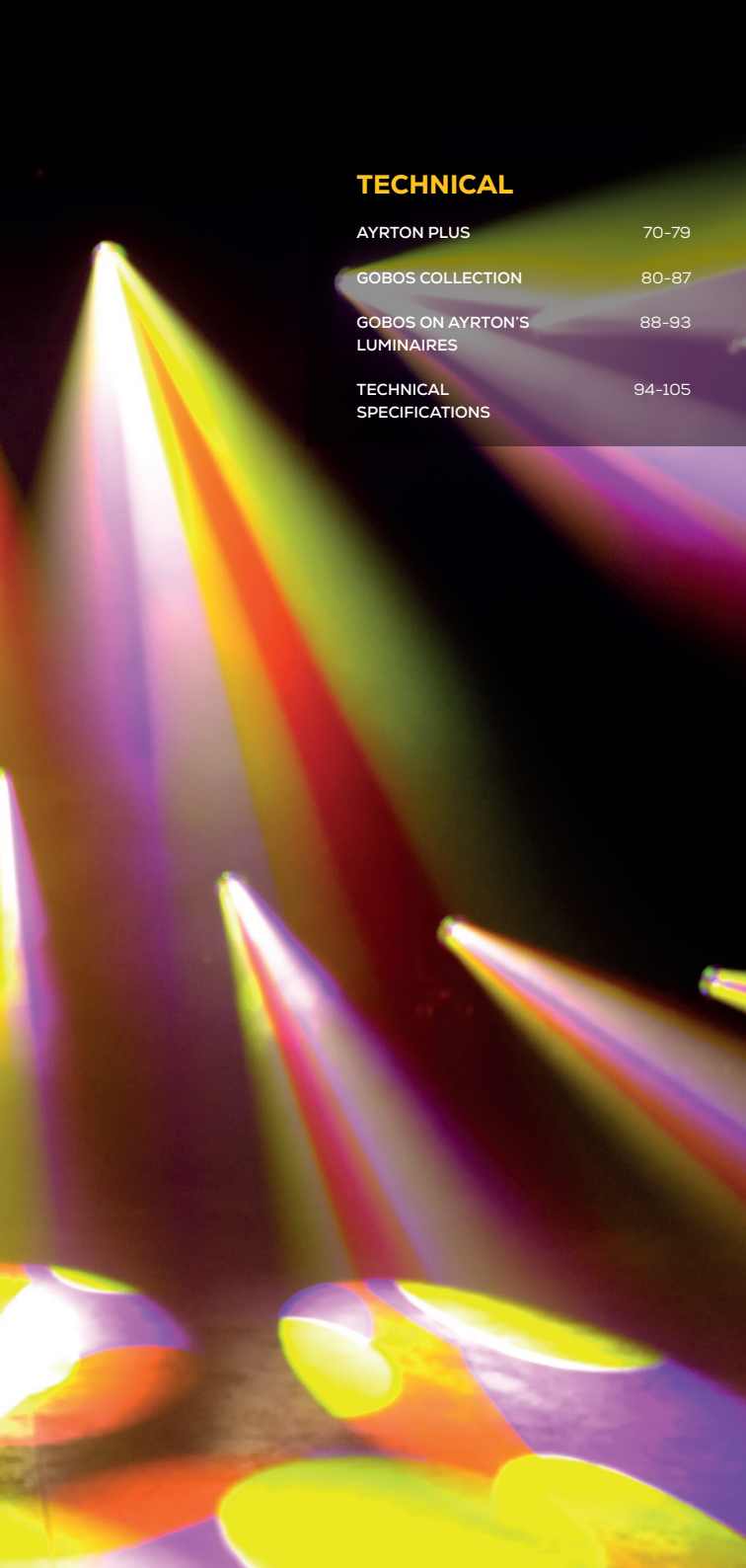
COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & CFR 47, FCC Part 15, Subpart B: 2023
- Certified and compliant with US FDA CDRH laser product requirements
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 405 x 747 x 369 mm (l x h x d)
- Foam: 680 x 500 x 640 mm (l x h x d)

WEIGHT
- Product: 41 kg

PRODUCT CODE
- 014570: Mamba IP65
- 014572: Mamba IP66





TECHNICAL

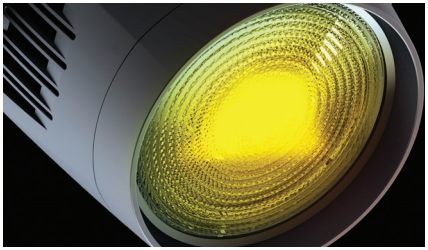
AYRTON PLUS 70-79

GOBOS COLLECTION 80-87

GOBOS ON AYRTON'S LUMINAIRES 88-93

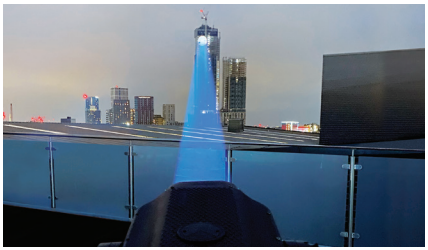
TECHNICAL SPECIFICATIONS 94-105

AYRTON PLUS



F.O.S.™: Fresnel Optimization System

A 13-element zoom system fitted with an optically structured Fresnel output lens specially developed for using framing shutter blades, geometric gobos, or an ovalization lens without the constraints associated with this type of lens. A subtle progressive diffusion system allows the level of diffusion to be adapted according to the application and accessories or optical elements used. The F.O.S. system also significantly improves colour mix and can obtain 10% more light than when using a conventional Fresnel lens. (04.2022)



XT-Focus™

Extreme focus range for powerful laser sources with ultra-intensive beams of under 1°. This optical system allows you to adjust the shape of the beam according to the distance of use or to the destination where you want to project the effect. Two lines always intersect at a point located at infinity if they are parallel – the so-called 'point at infinity'. The apparent size of an object is inversely proportional to its distance from the point of observation. The extreme range of focus for this type of source can solve this problem over long distances. (03.2022)



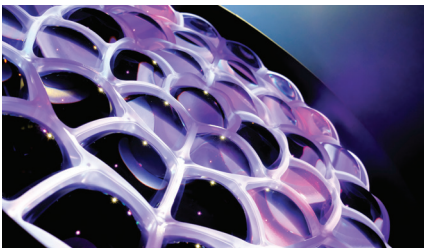
CrowdScan™

Intelligent shutter system for a moving-head projector beam controlled on a defined path when moving on pan & tilt. This intelligent protection system prevents the audience from glare or nearby fragile scenery from potential damage. The system allows you to define the illumination exclusion zone(s) for each luminaire during programming. During playback of the sequences, the light will automatically be cut off when the beam(s) pass(es) through the exclusion zone(s). This system can also define the luminaires' perimeter of use with precision. (01.2022)



Slim-21™

Miniaturisation and luminaire weight-reduction programme. The use of new lighter, stronger materials and the design of smarter internal structures have helped reduce weight significantly. Our new high-efficiency power supplies with 33% less volume, optimised cooling systems, new lower-density glass optics, simplified lens guidance systems, and brand new miniaturized stepper motors all contribute to the final result. (12.2020)



LiquidEffect™

High-definition liquid effect fitted between the main lenses of the luminaire used for creating complex graphic effects. Using RGB signalling LEDs, equipped with a black enclosure and internal reflector, provides a greater level of contrast. The 6 mm space between pixels guarantees quality diffusion of the liquid effect. To send light through the system, the guide's convergent profile channels all the light to the output surface between lenses. Its shape prevents any leakage of light to the main lenses. (FR Patent N° 2006942) (07.2020)



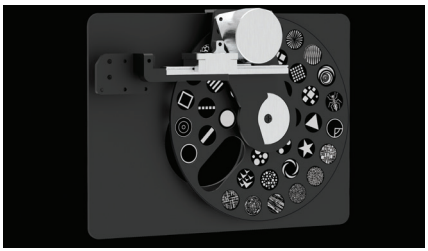
LT-Optic™

A complex 13-element optical system dedicated to long-distance applications that was specifically developed to achieve an optimal resolution-to-performance-to-efficiency ratio, adapted for this use without significant loss of definition. The system is fitted with an extra-wide frontal lens that can achieve a minimum projection angle of 0.6° to 3.5° and a zoom ratio from 15x to 42x depending on the luminaire, its size, and its ultimate use. The use of new glass optics with reduced density ensures the equilibrium of the luminaire. (06.2020)



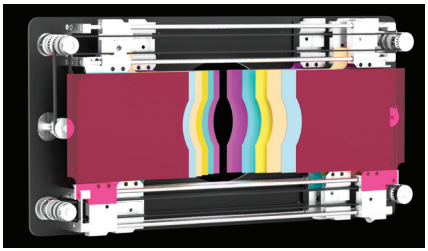
2D-ColorWheel™

Wheel with fixed colour filters spread over several concentric circles allowing instant access to each colour. The number of colours available depends on the size of the wheel and each filter. One of the circles can be used to obtain a continuous 'rainbow' effect with a choice of bright and saturated colours particularly suited to this purpose. A CMY subtractive colour change system can also be included as standard equipment. Using several colour wheels of this type together allows you to multiply the colour combinations. (FR Patent N° 1910122) (09.2019)



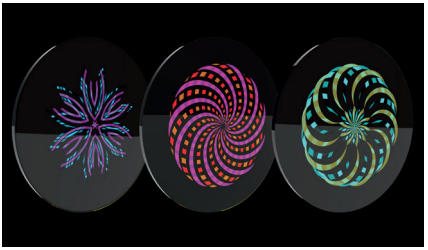
2D-GoboWheel™

Glass or metal wheel, fixed or rotating, spread over several concentric circles with instant access to each gobo. The number of gobos available depends on the size of the wheel and the diameter of each gobo. It is possible to use one or more circles to achieve any number of continuous animation effects. Using several wheels of this type together, you can multiple the combinations of gobos or animation effects. Cassettes with monochromatic or multicoloured geometric effects can be used on one of the wheels of the rotating gobos. (FR Patent N° 1910122) (09.2019)



T.C.S.™: Trillion Colour System

Complex miniaturized subtractive colour mixing system with a double level of colour saturation theoretically capable of reproducing 281 trillion colours. The second level of CMY saturation lets you generate amazing, faded pastel colours. This system is equipped with double CTB & CTO correction that allows subtle adjustment of the colour temperature from 2700 K to 15000 K. The progressive CTP correction filter also noticeably improves the CRI. This six-colour mixing system lets you reproduce special colours that are impossible to create with the classic four-colour mixing system. (FR Patent Pending) (03.2019)



FX-K7™: Effect Cassette

Cassette with monochromatic or multicoloured geometric effects that allow you to project spectacular animated patterns. Each cassette consists of two layers of glass, one of which is fixed and the other rotating. Each of the two layers of glass works in a complementary way with colour and graphic effects. The simplified mechanical design of the effects cassette allows you to create your own custom cassettes. You can also combine two inverted, identical standard gobos placed slightly off-centre in a cassette to produce amazing effects. (FR Patent N° 1903390) (03.2019)



Multi-FX™: Multi-Effect System

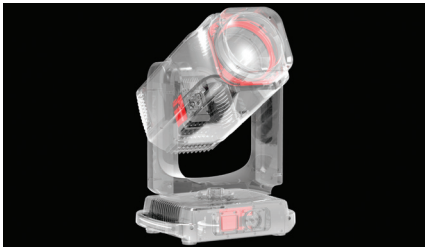
An animation wheel made of glass or metal, monochromatic or multicolour, with multiple positions over 100% of the surface. This system allows horizontal, vertical, or axial scrolling to create realistic flame, water, or radiation effects. You can gradually transition from one effect to another and achieve complex image movement by separately managing the two motors of the system for rotation and translation. Using the two animation wheels together enables you multiply the potential combination of effects. (FR Patent N° 1903412, CN Patent Pending, EP Patent Pending, US Patent Pending) (09.2019)



SunProtect-65™

An intelligent protection system for luminaires intended for outdoor use. This advanced system protects the interior of IP65+ luminaires from the sun's rays regardless of their installation position. All our moving-head fixtures for outdoor use are equipped with a standard sensor that helps to determine the luminaire's position in space. Protection is activated when the control signal is interrupted. In this case, the luminaire's light output is automatically oriented towards the ground to avoid damage. (06.2019)

AYRTON PLUS



ColdProtect-65™

An intelligent protection system for luminaires intended for outdoor use. The heating system protects electronic and mechanical components from temperatures below -10°C (14°F). This allows IP65+ luminaires to be used outdoors at temperatures reaching -20°C (-4°F). Moving-head fixtures intended for outdoor use are equipped with a standard sensor that allows measurement of the temperature in real time and adjustment of the internal temperature. This system considerably optimizes the service life of the mechanical and electronic parts. (04.2019)



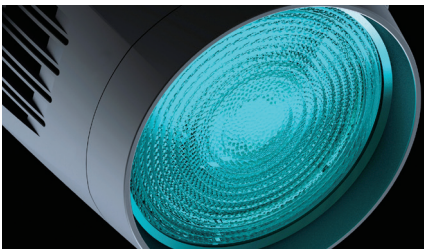
EasyProtect-65™

Next generation waterproof luminaire that presents a minimalist design in injected aluminium, incorporating full weather protection features with simplified interior access to the product. The new mechanical design of the covers has reduced their thickness and significantly decreased their weight. Placing the pan & tilt motors in the base and head of the luminaire avoids the constraint of sealing the arms. A new submersible ventilation system in a non-waterproof compartment allows for optimal cooling. (02.2019)



IntelliSide™

Technically designed sides in multi-function cast aluminium, intelligently combining a decorative outer wall and an internal technical structure in a single piece. All these features are thereby concentrated into a reduced volume. This solution incorporates high-precision fastening, positioning and stiffening components for improved quality of assembly, excellent replicability, and increased strength. This intelligent structure serves as a basis for the development of complex products that require high precision. (03.2018)



UltraWash™

Optical system with an ultra-compact LED module and low geometric etendue, a unique light guide, and Fresnel lens with an optical texture that can obtain 10% more light than with a conventional lens. Its optics/source assembly has been specially developed to ensure a perfectly homogeneous colour mix regardless of the colour blend selected. This optical combination is ideal for use with a lens or a beam ovalizer filter that is particularly suited to this type of application. Using a single source transmitting lens eliminates the multiple shadows projected. (01.2017)



SquarePix™

Proprietary zoom optics with a square transmitting lens, offering the features of a round lens with a 20% greater diameter that can generate a much more intensive beam. This revolutionary optical system works with no visible moving parts and without movement of the front panel. The square transmitting lens offers a particular advantage for the manufacture of linear, square, or rectangular luminaires. This format helps to optimise the light output side and prevents lost space between the beams. (FR Patents N° 1652938, 1652944, US Patents N° 10648647, 10724708) (04.2016)



UltraBurst™

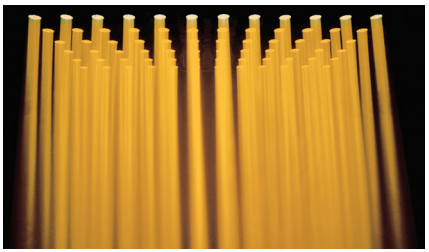
Ultra-powerful graphic strobe luminaire with a square matrix of very high-efficiency LEDs capable of continuous, unlimited, rotation on pan and tilt. The duration, speed and intensity of each pixel can be individually controlled to create breathtaking effects. The original design of this luminaire lets you create large graphic screens with no visible structure. The standardized size of the LED matrix allows you to assemble hybrid screens and use different units from the product family in combination. (FR Patent N° 1652997) (04.2016)

AYRTON PLUS



Multi-IRS™

Multi-rotation, multi-axis, multi-element, multi-shape conceptual luminaire that allows full control of each parameter. Each moving element with a cubic, spherical, cylindrical, or other shape that is capable of unlimited continuous rotation can be fitted with several individual fixtures equipped with LED sources, themselves operating in unlimited continuous rotation. Each of the ultra-powerful RGB-W LED sources, whose components have a small geometric etendue, is individually controllable. The continuous rotation of the pan and tilt movement is controlled by powerful tri-phase stepper motors that allow fast, accurate and silent positioning. (FR Patent N° 1652988) (04.2016)



UltraBeam™

Exclusive revolutionary new 126 mm diameter collimation optics. Weighing 550 grams, this new high-efficiency optical system is the world's largest collimator on the market. This lens combined with a 4 mm^2 RGB-W LED source pushes the limits of technology even further with a 2° beam and a light intensity of 580 candelas per lumen – six times more efficient than with the previous 94 mm version. This new lens combined with an ultra-powerful RGB-W LED source makes it possible to create ultra-intensive, coloured beams without resorting to a complex mechanical system. (11.2015)



TwinFace™

Multiple double-sided hybrid luminaire. It can be equipped with a video images side, a volumetric 3D light effect side, a strobe side, a blinder side, a mirror side, or a custom side depending on the type of use. Capable of continuous double rotation on the pan and tilt axes, it permits successive alternation and combination of two different effects. The standardization of the LED matrix size permits hybrid screens to be assembled to allow you to use different luminaires in combination and push the limits of creativity. (FR Patent N° 1552691) (03.2015)



CoolPix™

Individual cooling system for one or more LED sources that evacuates the air at the edges of the optics while preventing any pollution. This device allows the efficient cooling of the LED sources on the total emission surface of the luminaire whatever its shape – spherical, cubic, or linear – without distorting the effect. This system also makes it possible to carry away the ambient fog around each light source by reinforcing materialization of the beams. According to the type of sources and the power to be dissipated, the system can be active, with heat transfer fluid, or simply passive. (FR Patent N° 1552488) (03.2015)



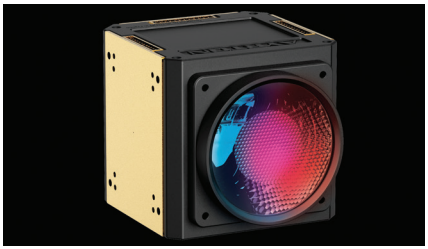
IntelliTube™

Minimalist cylindrical design combined with continuous double rotation on the pan & tilt axes, allowing the user to create groups of luminaires and control each light emitter individually in all directions. The assembly with the optical, mechanical and movement features must fit into a single cylindrical space that allows for a few millimetres' minimum distance between fixtures and permits sophisticated configurations that are unprecedented. The separate control of each luminaire in a group offers an infinite possibility of effects. (FR Patent N° 1552489) (03.2015)



2D-Net™

Reliable and secure Ethernet connection system between luminaires not requiring the use of external switches. For luminaires that use many channels, an integrated internal switch allows fast multi-protocol Ethernet communication via ArtNet™, sACN and others. This internal solution avoids distributing the signal in a star layout, which is cable-intense and unreliable. The system is equipped with protection that disconnects the internal switch in the event of a power failure and ensures continuity of the signal to the luminaire. (04.2013)



A.C.S.™: Additive Colour Synthesis

Complex additive colour mixing system with three sides and three, four, five or six colours. The classic version with the three primary colours, RGB, lets you determine the colour triangle according to the wavelengths of each group of LEDs. The choice of wavelengths for the sources must favour the brightness/saturation ratio. Each RGB side can accommodate a complementary colour to increase light performance at the expense of colour space. This additive mixing system achieves colours that are more intense and up to six times brighter than a subtractive mixing system with a white source. (03.2013)



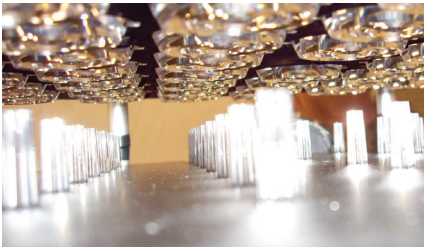
I.R.S.™: Infinite Rotation System

Infinite rotation system on pan/tilt or pan & tilt. Based on a robotic multi-circuit rotating power and signal connector, it provide the electrical link between the different moving components without loss of information. Rotating connectors are the electromechanical devices that ensure an electrical connection between a fixed part (stator) and a rotating part (rotor). They are used in the case of multi-turn rotation of the rotor around the stator, where transmission by cable would be impossible. (FR Patent N° 1252482) (03.2012)



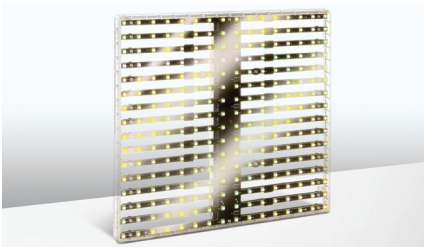
SilentPower™

Passive liquid phase-change cooling system with no fan, called a heat pipe. At the end of the heat pipe located near the element to be cooled, the liquid fluid vaporizes by absorbing thermal energy emitted by the LEDs. Steam then circulates in the heat pipe to the other end located at a heat sink where it condenses to return to a liquid state. Condensation permits the transfer of thermal energy. This system allows for intensive use in extreme conditions. It is indispensable in places where absolute silence is required. (09.2010)



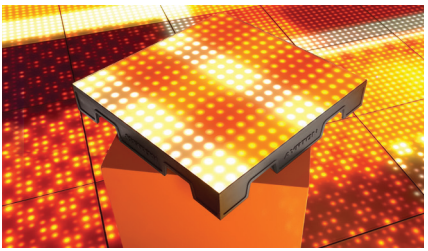
O.B.M.™: Optical Beam Mixer

Multifunction mono-block optical system in PMMA for collimating four individual LED sources with a concentration pyramid and an integrated mixing and homogenization light guide. This device collects the light emitted by four separate RGB-W light sources. The light thus collected is concentrated into the pyramid and then sent to the light guide which mixes and homogenizes the four light sources. The multi-faceted output surface of the light guide ensures a perfect colour mix and helps to project a homogeneous image. (FR Patent N° 0951860) (03.2009)



CrystalProtect-65™

Semi-transparent modular LED imaging screen designed for creating special effects. The body of the video tile is made of highly resistant and exceptionally transparent polycarbonate with a V-0 protection rating. Robust, lightweight, and easy to install, it has been designed for both indoor and outdoor use. An optional frame system is provided to allow the video screen tiles to be quickly assembled and installed as a suspended screen. The colour calibration system of each pixel achieves perfect uniformity across the entire screen. (03.2009)



Imag'in™

Load transfer system for a floor screen whose internal structure is specifically designed to support heavy loads on the glass tile without altering the projected image. The exclusive broadcasting system allows a full view of the screen at a 170° angle. Designed for broadcasting graphic animation, it can also display video images when the total surface of the screen permits. The resolution of the system can create a screen of up to 32 m x 24 m screen, with a total area of 768 m^2. This system can support a total distributed load of 1,280 kg per square meter. (FR Patent N° 0503355) (04.2005)

AYRTON GOBOS COLLECTION



001
Ayrton Logo



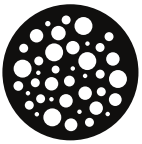
004
Big Eye



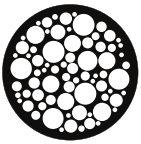
006
Organic



018
Nested Triangle



024
Bubble Light



025
Bubble



026
Hard Rain



032
Iron Ball



039
Infinite Stairs



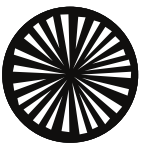
040
Tourbillon



041
Lost In The Brain



042
CMY Liquid Effect



046
Fireworks Light



047
Fireworks



049
Smoke Rings



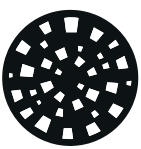
066
Abstract Square



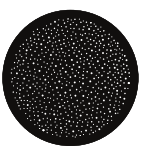
067
Black & White Target



069
Square Mix



070
Circle of Squares



074
Star Dust



075
Starfield

AYRTON GOBOS COLLECTION



076
Hexagon Ball



077
Water



081
Iron Filings



087
Drunk



093
Ant



097
Zebra Stripes



098
Waves



099
Waves Light



101
Deep Forest



103
Abstract Speck



105
Tree Bark



110
Spiral 1



111
Nested Rings Light



112
Nested Rings



112C
Nested Rings Cyan



112M
Nested Rings Magenta



112Y
Nested Rings Yellow



114
Nested Half Rings



115
Spiral 2

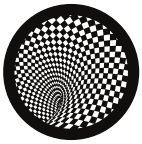


117
Helix 3



118
Helix 5

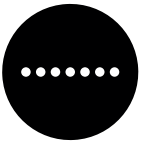
AYRTON GOBOS COLLECTION



120
Checkered Flag



130
Dot Line 11



131
Dot Line 7



134
Vortex



135
Vortex Light



147
Virus



149
Nuclear



169
Indian Style



188
Mirror Ball 9



189
Mirror Ball Light



190
Mirror Ball



211
Digital



242
Stained Glass



255
Zig-Zag



257
Zig-Zag Light



260
Arrows



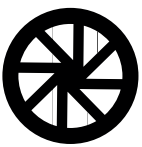
261
Arrow Ring 3



262
Arrow Ring 6



263
Daisy



265
Iris 8



266
Breaking Glass

AYRTON GOBOS COLLECTION



269
Ink Stain



273
Prison Bars 3



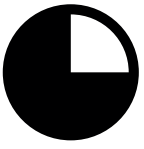
274
Prison Bars 4



275
Prison Bars



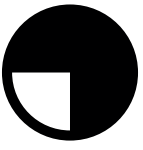
278
Bread Stix



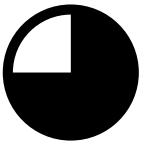
290
Quarter Beam NE



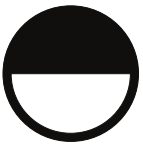
291
Quarter Beam SE



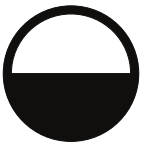
292
Quarter Beam SW



293
Quarter Beam NW



295
Half Beam Down



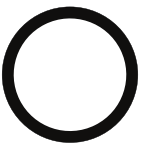
296
Half Beam Up



298
Half Beam



299
Half Beam Right



300
Full Beam



302
80% Iris Beam



304
60% Iris Beam



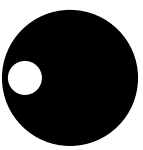
306
40% Iris Beam



307
30% Iris Beam



308
20% Iris Beam

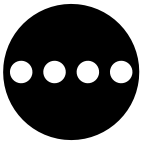


310
Eccentric Dot

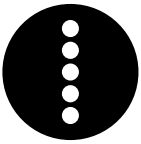


312
Dot Line 2

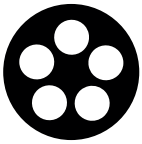
AYRTON GOBOS COLLECTION



314
Dot Line 4



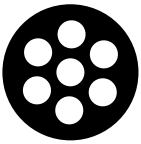
318
Dot Line 5 V



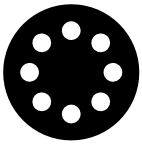
319
Dot Ring 5



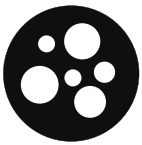
320
Dot Ring 6



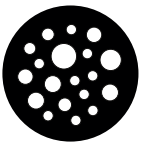
321
Dot Ring 7



322
Dot Ring 8



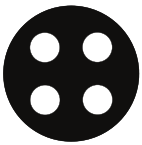
324
Dot Mix



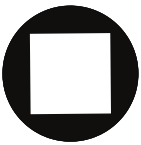
325
Dot Mix 2



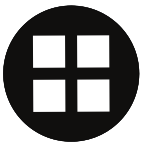
326
Dot Triangle 3



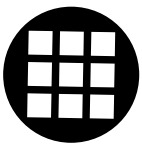
328
Dot Square 4



330
Square Beam



332
Square Beam 4



334
Square Beam 9



335
Square Beam 25



338
Square Beam Mix



340
Triangle Beam



341
Split Triangle



342
Five Spokes



343
Eight Spokes



345
Star Beam



346
Star Line 5

AYRTON GOBOS COLLECTION



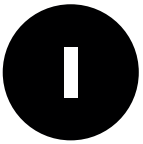
347
Beam Shaper



348
Tilde



350
Bold Line



351
Vertical Line



353
Four Lines H



354
Four Lines V



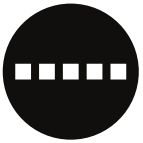
358
Lines Mix



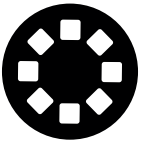
359
Lines Mix 18



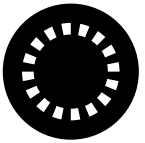
363
Rubik Cube



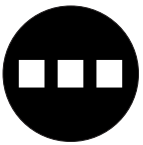
365
Square Line 5



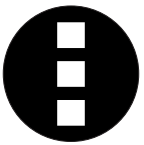
368
Square Ring 8



369
Trapezium Ring 16



370
Square Line 3 H



371
Square Line 3 V



373
Nested Star



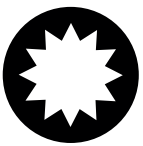
374
Compass 4



378
Star 8



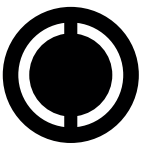
380
Star 10



382
Star 12

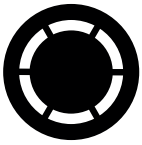


410
Conical Tunnel Effect



411
Split Circle 2

AYRTON GOBOS COLLECTION



413
Split Circle 6



415
Target Tunnel Effect



417
Split Target



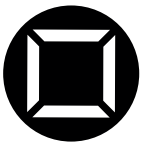
418
Crash Test Icon



419
Iron Ball Light



420
Square Tunnel Effect



421
Split Square 1



422
Split Square 2



424
Triangle Beam



425
Triangle Tunnel Effect



426
Split Triangle 1



427
Split Triangle 2



428
Split Triangle 3



429
Split Triangle 4



430
Inverted Cross



431
X Cross



435
Nested Cross



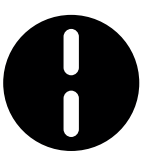
437
Split Cross



439
Circular Saw



450
Number 0



451
Number 1

AYRTON GOBOS COLLECTION



452
Number 2



453
Number 3



454
Number 4



455
Number 5



456
Number 6



457
Number 7



458
Number 8



459
Number 9



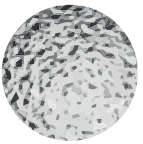
505
Effect Cassette N°5



511
Effect Cassette N°11



526
Effect Cassette N°26



601
Glass Animation

GOBOS ON AYRTON'S LUMINAIRES





		STRADALE PROFILE	RIVALE PROFILE	RIVALE WASH	
	Image size:	13 mm	18 mm	18 mm	
018	Nested Triangle	GPG0500965	GP60303012492		
024	Bubble Light				
039	Infinite Stairs		GP60303012496		
041	Lost in the brain	GPG0501016	GP60303012457		
042	CMY Liquid Effect	GPG0500970			
047	Fireworks	GPG0500973	GP60303012456		
049	Smoke Rings	GPG0501014	GP60303012455		
066	Abstract Square	GPG0500974	GP60303012458		
067	Black & White Target				
070	Circle of Squares	GPG0501012	GP60303012516		
074	Star Dust				
075	Starfield	GPG0501011	GP60303012515		
077	Water				
081	Iron Filings	GPG0501015	GP60303012459		
097	Zebra Stripes	GPG0500980			
098	Waves			GPG0500163	
101	Deep Forest	GPG0501017	GP60303012460		
103	Abstract Speck	GPG0500979			
105	Tree Bark	GPG0501018	GP60303012461		
111	Nested Rings Light				
112Y	Nested Rings Yellow	GPG0501013	GP60303012494		
114	Nested Half Rings				
130	Dot Line 11		GP60303012490		
131	Dot Line 7	GPG0500963			
134	Vortex				
149	Nuclear				
190	Mirror Ball		GP60303012462		
266	Breaking Glass	GPG0500966		GPG0500166	
278	Bread Stix	GPG0500967	GP60303012514		
310	Eccentric Dot				
314	Dot Line 4			GPG0500162	
320	Dot Ring 6				
322	Dot Ring 8				
324	Dot Mix				
326	Dot Triangle 3			GPG0500165	
328	Dot Square 4				
330	Square Beam				
332	Square Beam 4			GPG0500167	
340	Triangle Beam				
342	Five Spokes			GPG0500167	
343	Eight Spokes				
345	Star Beam				
347	Beam Shaper				
358	Lines Mix				
410	Conical Tunnel Effect	GPG0500971	GP60303012346		
505	Effect Cassette N°05				
526	Effect Cassette N°26				
601	Glass Animation	GPG0500921			

(1) Rotating Gobo (2) Spare Gobo





	VELOCE PROFILE	VELOCE WASH	DIABLO PROFILE
	19 mm	18 mm	20 mm
	GPG0500193		GP60303010905
	GPG0500197		GP60303010867
			GP60303010911
	GPG0500199		
	GPG0500198		GP60303010909
	GPG0500201		
			GP60303010926
	GPG0500196		
			GP60303010906
	GPG0500194		
	GPG0500202		GP60303010932
		GPG0500508	
	GPG0500203		
	GPG0500204		GP60303010915
	GPG0500195		GP60303060055
	GPG0500190		GP60303010903
			GP60303010904
		GPG0500505	
	GPG0500192		
		GPG0500504	
		GPG0500506	
		GPG0500507	
		GPG0500509	
	GPG0500650		

GOBOS ON AYRTON'S LUMINAIRES





		DOMINO LT	DOMINO PROFILE	
	Image size:	25 mm	25 mm	
018	Nested Triangle		GP60303011171A	
039	Infinite Stairs		GP60303011175A	
042	CMY Liquid Effect			
049	Smoke Rings	GP60303011177A	GP60303011177A	
066	Abstract Square		GP60303011180A	
067	Black & White target		GP60303011174A	
070	Circle of Square			
074	Star Dust	GP60303011172A	GP60303011172A	
075	Starfield			
077	Water	GP60303011871		
081	Iron Filings		GP60303011181A	
098	Waves			
101	Deep Forest	GP60303011182	GP60303011182	
105	Tree Bark	GP60303011183A	GP60303011183A	
111	Nested Rings Light			
112Y	Nested Rings Yellow	GP60303060124	GP60303060124	
114	Nested Half Rings			
130	Dot Line 11		GP60303011169A	
131	Dot Line 7			
134	Vortex		GP60303011177A	
149	Nuclear			
211	Digital		GP60303011750	
242	Stained Glass		GP60303011751	
266	Breaking Glass			
275	Prison Bars	GP60303011872		
278	Bread Stix			
298	Half Beam			
302	80% Iris Beam			
307	30% Iris Beam			
310	Eccentric Dot	GP60303051970		
314	Dot Line 4	GP60303051968		
320	Dot Ring 6			
322	Dot Ring 8	GP60303051969		
324	Dot Mix			
326	Dot Triangle 3	GP60303052026		
328	Dot Square 4			
330	Square Beam			
332	Square Beam 4	GP60303051967		
340	Triangle Beam			
342	Five Spokes	GP60303052019		
343	Eight Spokes			
347	Beam Shaper	GP60303052020		
358	Lines Mix			
369	Trapezium Ring 16			
410	Conical Tunnel Effect			
427	Split Triangle 2			
526	Effect Cassette N°26			
601	Glass Animation			

(1) Rotating Gobo (2) Spare Gobo





	DOMINO WASH	EAGLESTRIKE
	25 mm	19 mm
		GPG0501302
		GPG0501305
		GPG0501307
	GP60303012296	
		GPG0501308
		GPG0501303
		GPG0501218
	GP60303012295	GPG0501246
		GPG0501306
		GPB0004661
		GPB0004659
	GP60303012290	
		GPG0501227
	GP60303012291	
	GP60303012292	
	GP60303012293	
	GP60303012294	
		GPG0501221
		GPG0501304
		GPG0501309

GOBOS ON AYRTON'S LUMINAIRES





		COBRA	COBRA²	
	Image size:	4 mm	4 mm	
018	Nested Triangle			
039	Infinite Stairs			
042	CMY Liquid Effect			
049	Smoke Rings			
066	Abstract Square			
067	Black & White target			
070	Circle of Square			
074	Star Dust			
075	Starfield			
077	Water			
081	Iron Filings			
098	Waves			
101	Deep Forest			
105	Tree Bark			
111	Nested Rings Light	GP60303052034	GP60303052034	
112Y	Nested Rings Yellow			
114	Nested Half Rings	GP60303052066	GP60303052066	
130	Dot Line 11			
131	Dot Line 7			
134	Vortex			
149	Nuclear	GP60303052031	GP60303052031	
211	Digital			
242	Stained Glass			
266	Breaking Glass			
275	Prison Bars			
278	Bread Stix			
298	Half Beam			
302	80% Iris Beam			
307	30% Iris Beam			
310	Eccentric Dot	GP60303052013	GP60303052013	
314	Dot Line 4	GP60303052073	GP60303052073	
320	Dot Ring 6	GP60303052015	GP60303052015	
322	Dot Ring 8			
324	Dot Mix	GP60303052032	GP60303052032	
326	Dot Triangle 3			
328	Dot Square 4	GP60303052003	GP60303052003	
330	Square Beam			
332	Square Beam 4	GP60303052030	GP60303052030	
340	Triangle Beam			
342	Five Spokes	GP60303052033	GP60303052033	
343	Eight Spokes	GP60303052002	GP60303052002	
347	Beam Shaper			
358	Lines Mix	GP60303052029	GP60303052029	
369	Trapezium Ring 16			
410	Conical Tunnel Effect			
427	Split Triangle 2			
526	Effect Cassette N°26			
601	Glass Animation			

(1) Rotating Gobo (2) Spare Gobo



	MAMBA
	4 mm
	GPG0500259
	GPG0500257
	GPG0500252
	GPG0500248
	GPG0500253
	GPG0500254
	GPG0500255
	GPG0500250
	GPG0500251
	GPG0500256
	GPG0500258
	GPG0500249

ULTIMATE
1 SERIES



STRADALE PROFILE

Optics		
Optic Size / Diameter	140 mm front lens	
Beam Aperture	4° to 52°	
Zoom Elements / Range	13-element / 13:1	
Light Source		
Architecture	White Light Engine	
Light Engine Power	330 W	
Light Engine Output (lm)	25,000	
Light Engine Colour Temperature (K)	7400	
Luminaire Output (lm)	20,000	
Luminaire Colour Temperature (K)	6500	
Native Colour Rendering Index	70 to 86	
Movement		
Rotation Type / Range	Infinite Pan & Tilt	
Colours		
Colour Mixing	CMY + CTO + CRI	
Fixed Colours (number/wheel)	7 colours / 1 Wheel	
Gobos/Effects		
Fixed Gobos (number/wheel)	10 Gobos / 1 Wheel	
Rotating Gobos (number/wheel)	9 Gobos / 1 Wheel	
Gobo type / Size (mm) / Image (mm)	HD Glass / 18 / 13	
4 blades Framing System	4 focal planes / Integral	
Graphic Animation Wheel (type)	1 monochromatic	
Rotating Effect	1 circular & 1 linear Prism	
Frost filter	1 light & 1 heavy Frost	
Iris Diaphragme	Yes	
Hardware Features		
Menu Buttons For Setting Functions	5 menu buttons	
Integrated Wireless Receiver	LumenRadio™ CRMX TiMo	
Input/Output Data Connector	IP65 XLR-5	
Input/Output Ethernet Connector	IP65 RJ45	
Power Connector	IP65 powerCON TRUE1 TOP In/Out	
Control		
Data Protocol	DMX 512 - RDM	
Ethernet Protocol	ArtNet™ - sACN	
Channel Control	42 to 65	
Electronic Power Supply		
Range	100 to 240 Volts	
Power Consumption Maximum	630 W	
Dimensions & Weight		
Luminaire Dimensions (mm)	339 x 593 x 298	
Flight-case Foam Dimensions (mm)	390 x 500 x 510	
Weight (kg)	23.5	
Product Code		
Standard Colour	012121	

ULTIMATE 3 SERIES





	RIVALE PROFILE	RIVALE WASH
	160 mm front lens	170 mm front lens
	4° to 52°	4° to 57°
	13-element / 13:1	12-element / 14:1
	White Light Engine	White Light Engine
	430 W	430 W
	35,000	35,000
	7400	7400
	30,000	28,000
	6500	6500
	70 to 86	70 to 86
	Infinite Pan & Tilt	Infinite Pan & Tilt
	CMY + CTO + CRI	CMY + CTO + CRI
	7 colours / 1 Wheel	7 colours / 1 Wheel
	9 Gobos / 1 Wheel	No
	7 Gobos / 1 Wheel	7 Gobos / 1 Wheel
	HD Glass / 25.5 / 18	HD Glass / 25.5 / 18
	4 focal planes / Integral	4 focal planes / Integral
	1 monochromatic	1 colour
	1 circular & 1 linear Prism	1 beam shaper
	1 light & 1 heavy Frost	Variable linear Frost
	Yes	Yes
	5 menu buttons	5 menu buttons
	LumenRadio™ CRMX TiMo	LumenRadio™ CRMX TiMo
	IP65 XLR-5	IP65 XLR-5
	IP65 RJ45	IP65 RJ45
	IP65 powerCON TRUE1 TOP In/Out	IP65 powerCON TRUE1 TOP In/Out
	DMX 512 - RDM	DMX 512 - RDM
	ArtNet™ - sACN	ArtNet™ - sACN
	42 to 65	60
	100 to 240 Volts	100 to 240 Volts
	700 W	700 W
	360 x 676 x 316	360 x 676 x 316
	485 x 560 x 565	485 x 560 x 565
	30.8	30.8
	012321	012341

ULTIMATE 6 SERIES





	VELOCE PROFILE	VELOCE WASH
Optics		
Optic Size / Diameter	180 mm front lens	190 mm front lens
Beam Aperture	4° to 52°	4° to 57°
Zoom Elements / Range	13-element / 13:1	12-element / 14:1
Light Source		
Architecture	White Light Engine	White Light Engine
Light Engine Power	850 W	850 W
Light Engine Output (lm)	58,000	58,000
Light Engine Colour Temperature (K)	7500	7500
Luminaire Output (lm)	43,000	40,000
Luminaire Colour Temperature (K)	6500	6500
Native Colour Rendering Index	70 to 86	70 to 86
Movement		
Rotation Type / Range	Infinite Pan & Tilt	Infinite Pan & Tilt
Colours		
Colour Mixing	CMY + CTO + CRI	CMY + CTO + CRI
Fixed Colours (number/wheel)	7 colours / 1 Wheel	7 colours / 1 Wheel
Gobos/Effects		
Fixed Gobos (number/wheel)	No	No
Rotating Gobos (number/wheel)	14 Gobos / 2 Wheel	7 Gobos / 1 Wheel
Gobo type / Size (mm) / Image (mm)	HD Glass / 30 / 19	HD Glass / 30 / 19
4 blades Framing System	4 focal planes / Integral	4 focal planes / Integral
Graphic Animation Wheel (type)	1 monochromatic	1 colour
Rotating Effect	1 circular & 1 linear Prism	1 beam shaper
Frost filter	1 light & 1 heavy Frost	Variable linear Frost
Iris Diaphragme	Yes	Yes
Hardware Features		
Menu Buttons For Setting Functions	5 menu buttons	5 menu buttons
Integrated Wireless Receiver	LumenRadio™ CRMX TiMo	LumenRadio™ CRMX TiMo
Input/Output Data Connector	IP65 XLR-5	IP65 XLR-5
Input/Output Ethernet Connector	IP65 RJ45	IP65 RJ45
Power Connector	IP65 powerCON TRUE1 TOP In	IP65 powerCON TRUE1 TOP In
Control		
Data Protocol	DMX 512 - RDM	DMX 512 - RDM
Ethernet Protocol	No	No
Channel Control	44 to 67	60
Electronic Power Supply		
Range	100 to 240 Volts	100 to 240 Volts
Power Consumption Maximum	1300 W	1300 W
Dimensions & Weight		
Luminaire Dimensions (mm)	404 x 757 x 366	404 x 757 x 366
Flight-case Foam Dimensions (mm)	500 x 640 x 680	500 x 640 x 680
Weight (kg)	40.5	39
Product Code		
Standard Colour	012521	012541

	CLASSICAL CREATIVE SERIES	CLASSICAL 3 SERIES	
			
	MAGICDOT NEO	DIABLO PROFILE S	DIABLO PROFILE TC
Optics			
Optic Size / Diameter	100 mm	119 mm front lens	
Beam Aperture	3° to 30°	7° to 53°	
Zoom Elements / Range	2-element	13-element / 8:1	
Light Source			
Architecture	Multi-chip LED	White Light Engine	
Light Engine Power	120 W	300 W	
Light Engine Output (lm)	5,000	26,500	20,500
Light Engine Colour Temperature (K)	-	8000	7000
Luminaire Output (lm)	16,000 lux at 5 m	19,000	14,000
Luminaire Colour Temperature (K)	-	7000	6500
Native Colour Rendering Index	‹ 86	› 70	› 90
Movement			
Rotation Type / Range	Infinite Pan & Tilt	Pan 540° - Tilt 263°	
Colours			
Colour Mixing	RGB-L	CMY + CTO	
Fixed Colours (number/wheel)	-	7 colours / 1 Wheel	
Gobos/Effects			
Fixed Gobos (number/wheel)	No	No	
Rotating Gobos (number/wheel)	No	7 Gobos / 1 Wheel	
Gobo type / Size (mm) / Image (mm)	-	HD Glass / 25.5 / 20	
4 blades Framing System	No	4 focal planes / Integral	
Graphic Animation Wheel (type)	No	Yes / Continuous	
Rotating Effect	-	5-facet circular Prism	
Frost filter	-	Yes / Light Frost	
Iris Diaphragme	-	Yes	
Hardware Features			
Menu Buttons For Setting Functions	4 menu buttons	Clicking Jog Wheel	
Integrated Wireless Receiver	LumenRadioTM CRMX TiMo	LumenRadio™ CRMX TiMo	
Input/Output Data Connector	IP65 XLR-5	XLR-5	
Input/Output Ethernet Connector	IP65 RJ45	No	
Power Connector	IP65 powerCON TRUE1 TOP In	powerCON TRUE1 In/Out	
Control			
Data Protocol	DMX 512 - RDM	DMX 512 - RDM	
Ethernet Protocol	ArtNet™ - sACN	No	
Channel Control	35	34 to 56	
Electronic Power Supply			
Range	100 to 240 Volts	100 to 240 Volts	
Power Consumption Maximum	160 W	550 W	
Dimensions & Weight			
Luminaire Dimensions (mm)	197 x 353 x 197	365 x 591 x 212	
Flight-case Foam Dimensions (mm)	Dual: 500 x 310 x 250	430 x 660 x 280	
Weight (kg)	6.6	22	
Product Code			
Standard Colour	015180	011340	011350

CLASSICAL 9 SERIES





	DOMINO LT	DOMINO PROFILE S	DOMINO PROFILE TC
Optics			
Optic Size / Diameter	225 mm front lens	178 mm front lens	
Beam Aperture	3.5° to 53°	6° to 60°	
Zoom Elements / Range	13-element / 15:1	13-element / 10:1	
Light Source			
Architecture	White Light Engine	White Light Engine	
Light Engine Power	1,000 W	1,000 W	
Light Engine Output (lm)	75,000	75,000	56,000
Light Engine Colour Temperature (K)	8200	8000	7000
Luminaire Output (lm)	51,000	51,000	36,400
Luminaire Colour Temperature (K)	6700	7000	6500
Native Colour Rendering Index	> 70	> 70	> 90
Movement			
Rotation Type / Range	Pan 540° - Tilt 263°	Pan 540° - Tilt 263°	
Colours			
Colour Mixing	CMY + CTO + CTB + CTP	CMY + CTO	
Fixed Colours (number/wheel)	6 colours / 1 Wheel	6 colours / 1 Wheel	
Gobos/Effects			
Fixed Gobos (number/wheel)	No	No	
Rotating Gobos (number/wheel)	14 Gobos / 2 Wheels	14 Gobos / 2 Wheels	
Gobo type / Size (mm) / Image (mm)	HD Glass / 30 / 25	HD Glass / 30 / 25	
4 blades Framing System	4 focal planes / Integral	4 focal planes	
Graphic Animation Wheel (type)	1 Colour / 1 Monochromatic	1 Colour / 1 Monochromatic	
Rotating Effect	1 circular & 1 linear Prism	1 circular & 1 linear Prism	
Frost filter	1 light & 1 heavy Frost	1 light & 1 heavy Frost	
Iris Diaphragme	Yes	Yes	
Hardware Features			
Menu Buttons For Setting Functions	5 menu buttons	5 menu buttons	
Integrated Wireless Receiver	LumenRadio™ CRMX TiMo	LumenRadio™ CRMX TiMo	
Input/Output Data Connector	IP65 XLR-5	IP65 XLR-5	
Input/Output Ethernet Connector	IP65 RJ45	IP65 RJ45	
Power Connector	IP65 powerCON TRUE1 TOP In	IP65 powerCON TRUE1 TOP In	
Control			
Data Protocol	DMX 512 - RDM	DMX 512 - RDM	
Ethernet Protocol	ArtNet™ - sACN	ArtNet™ - sACN	
Channel Control	44 to 70	44 to 66	
Electronic Power Supply			
Range	120 to 240 Volts	120 to 240 Volts	
Power Consumption Maximum	1,600 W	1,800 W	
Dimensions & Weight			
Luminaire Dimensions (mm)	490 x 884 x 330	490 x 841 x 330	
Flight-case Foam Dimensions (mm)	765 x 665 x 555	715 x 665 x 555	
Weight (kg)	60	52	
Product Code			
Standard Colour	012670	012640	012645





	DOMINO WASH S	DOMINO WASH ST	DOMINO WASH TC	EAGLESTRIKE
	210 mm Fresnel front lens			270 mm front lens
	6.2° to 75°			2.9° to 43°
	13-element / 12:1			13-element / 15:1
	White Light Engine			White Light Engine
	1,000 W			1,200 W
	80,000	68,000	49,000	82,000
	-	-	-	8,200
	52,000	45,000	33,900	› 100,000 lux at 10 m
	7000	5800	6000	6500
	› 70	› 80	› 95	› 70
	Pan 540° - Tilt 270°			Infinite Pan - Tilt 270°
	CMY + CTO + CTB + CTP			CMY + CTO
	6 colours / 1 Wheel			11 filters / 2 Wheels
	No			No
	7 Gobos / 1 Wheel			14 Gobos / 2 Wheels
	HD Glass / 30 / 25			HD Glass / Metal / Beam Reducer
	4 focal planes / Integral			4 focal planes / Integral
	1 colour			Monochomatic
	-			1 circular & 1 linear Prism
	Variable Linear Frost			1 light & 1 heavy Frost
	Yes			Yes
	5 menu buttons			5 menu buttons
	LumenRadio™ CRMX TiMo			LumenRadio™ CRMX TiMo
	IP65 XLR-5			IP65 XLR-5
	IP65 RJ45			IP65 RJ45
	IP65 powerCON TRUE1 TOP In			IP65 powerCON TRUE1 TOP In
	DMX 512 - RDM			DMX 512 - RDM
	ArtNet™ - sACN			ArtNet™ - sACN
	37 to 61			44 to 66
	120 to 240 Volts			100 to 240 Volts
	1,600 W			1,450 W
	490 x 821 x 330			450 x 898 x 413
	715 x 665 x 555			690 x 770 x 560
	52			54.7
	012880	012883	012885	012840

MULTI SOURCES 3 SERIES





	ZONDA 3 FX	ZONDA 3 WASH	
Optics			
Optic Size / Diameter	7 x truncated 50 mm	7 x truncated 50 mm	
Beam Aperture	4° to 56°	4° to 56°	
Zoom Elements / Range	2-element / 14:1	2-element / 14:1	
Light Source			
Architecture	Multi-chip LED	Multi-chip LED	
Light Engine Power	40 W / 7	40 W / 7	
Light Engine Output (lm)	7,000	7,000	
Light Engine Colour Temperature (K)	-	-	
Luminaire Output (lm)	5,200	5,200	
Luminaire Colour Temperature (K)	-	-	
Native Colour Rendering Index	‹ 86	‹ 86	
Movement			
Rotation Type / Range	Infinite Pan & Tilt	Pan 540° - Tilt 270°	
Colours			
Colour Mixing	RGB-W	RGB-W	
Colour Depth	4.29 billion	4.29 billion	
Virtual Colour Wheel	Yes	Yes	
White Colour Temperature Presets	Yes	Yes	
Dynamic colour effects	Yes	Yes	
Effects			
Pixel Control / Quantity	Yes / 19 pixels	Yes / 2 rings	
Graphical Effects	2D & 3D & LiquidEffect™	2D & 3D	
Frost Filter	No	No	
Dimmer	Electronic from 0 to 100%	Electronic from 0 to 100%	
Strobe	1 to 25 flashes per second	1 to 25 flashes per second	
Hardware Features			
Menu Buttons For Setting Functions	Clicking Jog Wheel	Clicking Jog Wheel	
Integrated Wireless Receiver	LumenRadio™ CRMX TiMo	-	
Input/Output Data Connector	XLR-5	XLR-5	
Input/Output Ethernet Connector	etherCON CAT5	etherCON CAT5	
Power Connector	powerCON TRUE1 In/Out	powerCON TRUE1 In/Out	
Control			
Data Protocol	DMX 512 - RDM	DMX 512 - RDM	
Ethernet Protocol	ArtNet™ - sACN	ArtNet™ - sACN	
Channel Control	26 to 79	26 to 46	
Electronic Power Supply			
Range	100 to 240 Volts	100 to 240 Volts	
Power Consumption Maximum	350 W	350 W	
Dimensions & Weight			
Luminaire Dimensions (mm)	365 x 404 x 233	365 x 404 x 233	
Flight-case Foam Dimensions (mm)	420 x 438 x 280	Optional (420 x 438 x 280)	
Weight (kg)	11.1	11.1	
Product Code			
Standard Colour	013250	013240	

MULTI SOURCES
6 SERIES







	ARGO 6 FX	ARGO 6 WASH	NANDO 502 WASH
	19 x truncated 50 mm	19 x truncated 50 mm	12 x truncated 70 mm
	4° to 56°	4° to 56°	3.5° to 53°
	2-element / 14:1	2-element / 14:1	2-element / 15:1
	Multi-chip LED	Multi-chip LED	Multi-chip LED
	40 W / 19	40 W / 19	40 W / 12
	19,000	19,000	14,400
	-	-	-
	13,000	13,000	11,000
	-	-	-
	‹ 86	‹ 86	› 86
	Infinite Pan & Tilt	Pan 540° - Tilt 270°	Pan 540° - Tilt 270°
	RGB-W	RGB-W	RGB-L
	4.29 billion	4.29 billion	4.29 billion
	Yes	Yes	Yes
	Yes	Yes	Yes
	Yes	Yes	Yes
	Yes / 19 pixels	Yes / 19 pixels	Yes / 12 pixels
	2D & 3D & LiquidEffect™	2D & 3D	2D & 3D
	No	No	No
	Electronic from 0 to 100%	Electronic from 0 to 100%	Electronic from 0 to 100%
	1 to 25 flashes per second	1 to 25 flashes per second	1 to 25 flashes per second
	5 menu buttons	5 menu buttons	5 menu buttons
	LumenRadio™ CRMX TiMo	-	LumenRadio™ CRMX TiMo
	IP65 XLR-5	IP65 XLR-5	IP65 XLR-5
	IP65 RJ45	IP65 RJ45	IP65 RJ45
	IP65 powerCON TRUE1 TOP In	IP65 powerCON TRUE1 TOP In	IP65 powerCON TRUE1 In/Out
	DMX 512 - RDM	DMX 512 - RDM	DMX 512 - RDM
	ArtNet™ - sACN	ArtNet™ - sACN	ArtNet™ - sACN
	26 to 127	26 to 67	26 to 86
	100 to 240 Volts	100 to 240 Volts	100 to 240 Volts
	950 W	950 W	550 W
	436 x 536 x 280	436 x 536 x 280	342 x 467 x 268
	485 x 560 x 350	Optional (485 x 560 x 350)	Optional (395 x 480 x 335)
	23.2	23.2	15.6
	019650	019640	013420

MULTI SOURCES
9 SERIES



WILDSUN K9 WASH

Optics		
Optic Size / Diameter	217 x rounded 20 mm	
Beam Aperture	10° to 60°	
Zoom Elements / Range	1-element / 6:1	
Light Source		
Architecture	Multi-chip LED	
Light Engine Power	5 W / 217	
Light Engine Output (lm)	110,000	
Light Engine Colour Temperature (K)	5,700	
Luminaire Output (lm)	63,000	
Luminaire Colour Temperature (K)	5,700	
Native Colour Rendering Index	> 92	
Movement		
Rotation Type / Range	Pan 540° - Tilt 270°	
Colours		
Colour Mixing	-	
Colour Depth	-	
Virtual Colour Wheel	-	
White Colour Temperature Presets	-	
Dynamic colour effects	-	
Effects		
Pixel Control / Quantity	-	
Graphical Effects	Yes	
Frost Filter	Yes	
Dimmer	Electronic from 0 to 100%	
Strobe	1 to 25 flashes per second	
Hardware Features		
Menu Buttons For Setting Functions	Clicking Jog Wheel	
Integrated Wireless Receiver	LumenRadio™ CRMX TiMo	
Input/Output Data Connector	XLR-5	
Input/Output Ethernet Connector	etherCON RJ45	
Power Connector	powerCON TRUE1 In	
Control		
Data Protocol	DMX 512 - RDM	
Ethernet Protocol	ArtNet™ - sACN	
Channel Control	14 to 30	
Electronic Power Supply		
Range	120 to 240 Volts	
Power Consumption Maximum	1,500 W	
Dimensions & Weight		
Luminaire Dimensions (mm)	530 x 625 x 280	
Flight-case Foam Dimensions (mm)	580 x 611 x 345	
Weight (kg)	26.9	
Product Code		
Standard Colour	013940	





	ZONDA 9 FX	ZONDA 9 WASH
	37 x truncated 50 mm	37 x truncated 50 mm
	4° to 56°	4° to 56°
	2-element / 14:1	2-element / 14:1
	Multi-chip LED	Multi-chip LED
	40 W / 37	40 W / 37
	37,000	37,000
	-	-
	25,000	25,000
	-	-
	‹ 86	‹ 86
	Infinite Pan & Tilt	Pan 540° - Tilt 270°
	RGB-W	RGB-W
	4.29 billion	4.29 billion
	Yes	Yes
	Yes	Yes
	Yes	Yes
	Yes / 37 pixels	Yes / 4 rings
	2D & 3D & LiquidEffect™	2D & 3D
	No	No
	Electronic from 0 to 100%	Electronic from 0 to 100%
	1 to 25 flashes per second	1 to 25 flashes per second
	Clicking Jog Wheel	Clicking Jog Wheel
	LumenRadio™ CRMX TiMo	-
	XLR-5	XLR-5
	etherCON CAT5	etherCON CAT5
	powerCON TRUE1 In	powerCON TRUE1 In
	DMX 512 - RDM	DMX 512 - RDM
	ArtNet™ - sACN	ArtNet™ - sACN
	26 to 199	26 to 54
	120 to 240 Volts	120 to 240 Volts
	1,400 W	1,400 W
	530 x 625 x 280	530 x 625 x 280
	580 x 611 x 345	Optional (580 x 611 x 345)
	29.2	29.2
	013750	013740

LASER SOURCE
CREATIVE SERIES

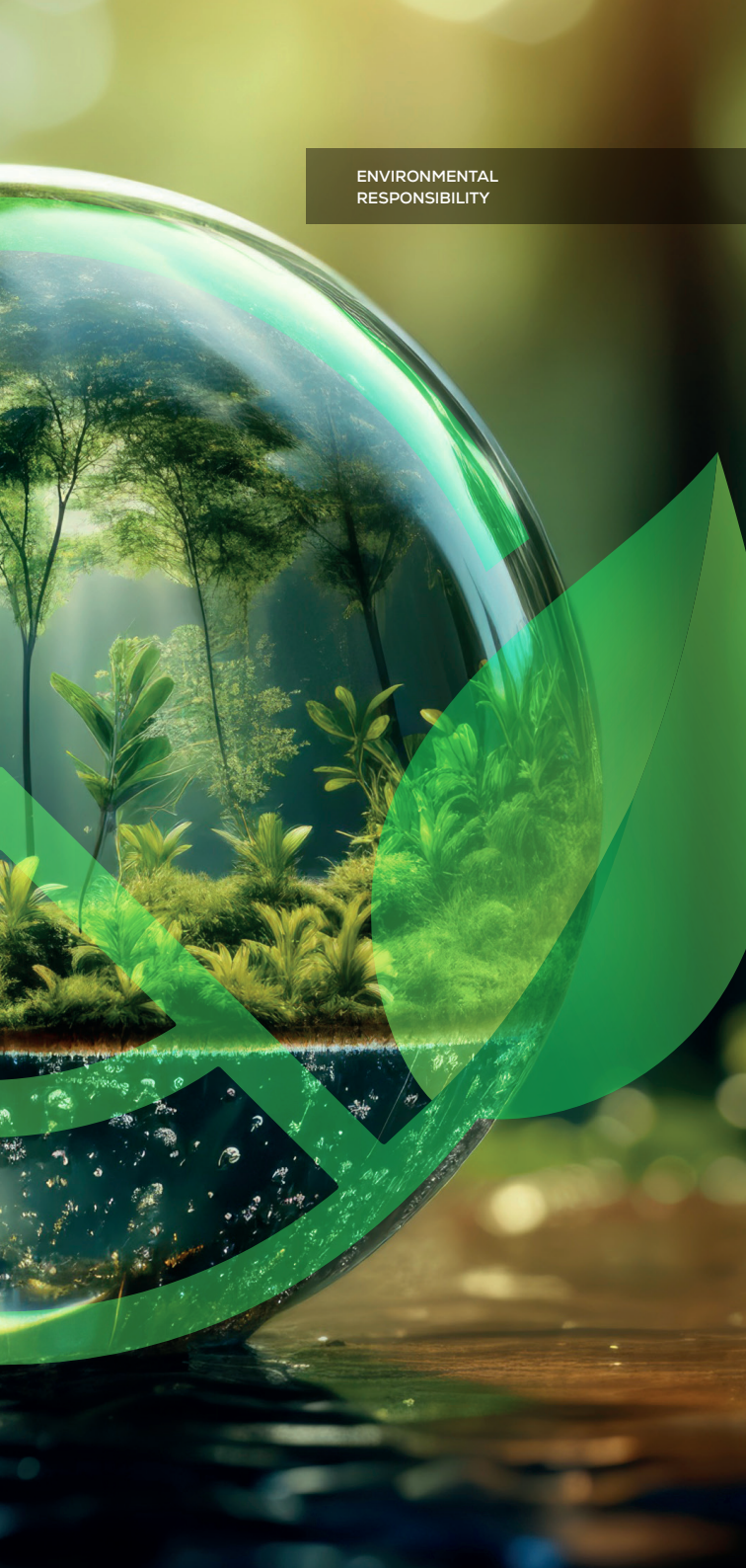


KYALAMI

Optics		
Optic Size / Diameter	126 mm	
Beam Aperture	1°	
Zoom Elements / Range	3-element	
Light Source		
Architecture	Laser phosphore	
Light Engine Power	100 W	
Light Engine Output (lm)	-	
Light Engine Colour Temperature (K)	-	
Luminaire Output (lm)	400,000 lux at 10 m	
Luminaire Colour Temperature (K)	9000	
Native Colour Rendering Index	> 70	
Movement		
Rotation Type / Range	Infinite Pan & Tilt	
Colours		
Colour Mixing	CMY	
Fixed Colours (number/wheel)	22 colours / 1 Wheel	
Gobos/Effects		
Fixed Gobos (number/wheel)	29 Gobos / 1 Wheel	
Rotating Gobos (number/wheel)	-	
Gobo type / Size (mm) / Image (mm)	Metal / - / 3	
4 blades Framing System	No	
Graphic Animation Wheel (type)	No	
Rotating Effect	2 combinable Prisms	
Frost filter	1 light & 1 heavy Frost	
Iris Diaphragme	Beam Reducer	
Hardware Features		
Menu Buttons For Setting Functions	5 menu buttons	
Integrated Wireless Receiver	LumenRadio™ CRMX TiMo	
Input/Output Data Connector	IP65 XLR-5	
Input/Output Ethernet Connector	IP65 RJ45	
Power Connector	IP65 powerCON TRUE1 TOP In	
Control		
Data Protocol	DMX 512 - RDM	
Ethernet Protocol	ArtNet™ - sACN	
Channel Control	33	
Electronic Power Supply		
Range	100 to 240 Volts	
Power Consumption Maximum	200 W	
Dimensions & Weight		
Luminaire Dimensions (mm)	265 x 430 x 265	
Flight-case Foam Dimensions (mm)	Optional (Single: 320 x 460 x 320, Dual: 580 x 410 x 560)	
Weight (kg)	14.5	
Product Code		
Standard Colour	014042	

	LASER SOURCE 3 SERIES		LASER SOURCE 6 SERIES
			
	COBRA	**COBRA²**	**MAMBA**
	170 mm front lens	170 mm front lens	250 mm front lens
	0.6° to 23°	0.6° to 23°	0.7° to 15°
	13-element / 38:1	13-element / 38:1	13-element / 21:1
	Laser phosphore	Laser phosphore	Laser phosphore
	260 W	260 W	500 W
	-	-	-
	-	-	-
	1,544,000 lux at 10 m	1,544,000 lux at 10 m	2,600,000 lux at 10 m
	6500	6500	9000
	> 65	> 65	> 65
	Infinite Pan & Tilt	Infinite Pan & Tilt	Infinite Pan & Tilt
	CMY + CTO	CMY + CTO	CMY + CTO
	27 colours / 1 Wheel	27 colours / 1 Wheel	19 colours + 3 multi-colours / 1 Wheel
	80 Gobos / 1 Wheel	80 Gobos / 1 Wheel	80 Gobos / 1 Wheel
	12 Gobos / 1 Wheel	12 Gobos / 1 Wheel	12 Gobos / 1 Wheel
	Metal / 6.9 / 4	Metal / 6.9 / 4	Metal / 6.9 / 4
	No	No	No
	Yes / Continuous	Yes / Continuous	Yes / Continuous
	8 combinable Prisms / 2 Wheels	8 combinable Prisms / 2 Wheels	8 + 4 combinable Prisms / 4 Wheels
	1 light & 1 heavy Frost	1 light & 1 heavy Frost	1 light & 1 heavy Frost
	Beam Reducer	Beam Reducer	Beam Reducer
	5 menu buttons	5 menu buttons	5 menu buttons
	LumenRadio™ CRMX TiMo	LumenRadio™ CRMX TiMo	LumenRadio™ CRMX TiMo
	IP65 XLR-5	IP65 XLR-5	IP65 XLR-5
	IP65 RJ45	IP65 RJ45	IP65 RJ45
	IP65 powerCON TRUE1 TOP In	IP65 powerCON TRUE1 TOP In/Out	IP65 powerCON TRUE1 TOP In
	DMX 512 - RDM	DMX 512 - RDM	DMX 512 - RDM
	No	No	No
	35 to 45	35 to 45	47
	100 to 240 Volts	100 to 240 Volts	100 to 240 Volts
	480 W	480 W	800 W
	422 x 663 x 280	360 x 674 x 319	405 x 747 x 369
	485 x 565 x 560	485 x 565 x 560	680 x 500 x 640
	33	30.7	41
	014170	014175	014570





ENVIRONMENTAL RESPONSIBILITY



In 2019, Ayrton embarked upon a journey to be better. Our goal has been to understand our environmental impact, and to identify how we could drive changes in our organization to mitigate the impact.

We have effected positive changes over the past few years, yet we know the journey is ongoing. Our efforts are driven by commitment, action, and accountability. In 2025, we have strengthened our engagement by joining the PLASA Carbon Reduction Commitment.

Our operations reflect measurable improvements, from renewable energy sourcing to eco-friendly offices. Working closely with suppliers, we are integrating the concept of circular economy into our future product development. A key milestone is our product embodied carbon analysis, with data available for all new launches from 2024 onward. We have been committed to annual greenhouse gas emissions accounting since 2021. In 2025, we also completed our first internal CSRD report, paving the way for future public reporting on broader sustainability topics. Alongside these efforts, we earned a Bronze Medal in the EcoVadis sustainability rating, an external validation of our progress so far.

This will be a long and often times frustrating journey, but doing nothing is not an option. It has become clear that there is no single fix and it will take a variety of approaches to create long term meaningful change, for which accountability and transparency are always the key.

It's important to highlight the steps Ayrton has, and continues to take, to be as environmentally-conscious and responsible as possible. As always, should you have any comments, ideas or concepts to share with us, please do send them to gogreen@ayrton.eu.


ADDRESS
042

AT A GLANCE

44.9k tCO_2e

Ayrton's total carbon footprint in 2024

4th

consecutive year of annual carbon footprint accounting

99%

of Ayrton's carbon footprint came from indirect emissions, typical for wholesale business

14%

of net emissions decrease in comparison to 2023

Ayrton's total carbon footprint in 2024 is equivalent to:



25k

round-trip flights between Paris – New York for one traveler*



7.8k

round-trip of a Eurostar between Paris - London carrying 750 travelers**



4.1k

hectares of forest storing carbon during 1 year*

DID YOU KNOW?

CO_2 is not the only greenhouse gas emitted from business activities and included in a corporate carbon footprint. *Other greenhouse gases, including CH_4, N_2O, HFCs, PFCs, and SF_6, also contribute to global warming. Their heat-trapping ability is measured by their global warming potentials (GWP) over a specific time horizon.*

CO_2 is the most common greenhouse gas used as a reference point with a GWP of 1. Total greenhouse gas emissions are expressed in a standardized unit called carbon dioxide equivalent (CO_2e).

*Sources: *Greenly, **SNCF*


AVOLITES
ADDRESS
042

STARTING FROM PRODUCT DESIGN

Ayrton LED luminaires are designed to be energy-efficient and highly durable.

Key Advantages of LED Sources

- **Fewer hazardous substances** and zero mercury
- **Zero UV emissions** – applicable in UV sensitive environment
- **Longer lifetime** up to 50,000 hours
- **Reduced internal heat** relieving thermal stress

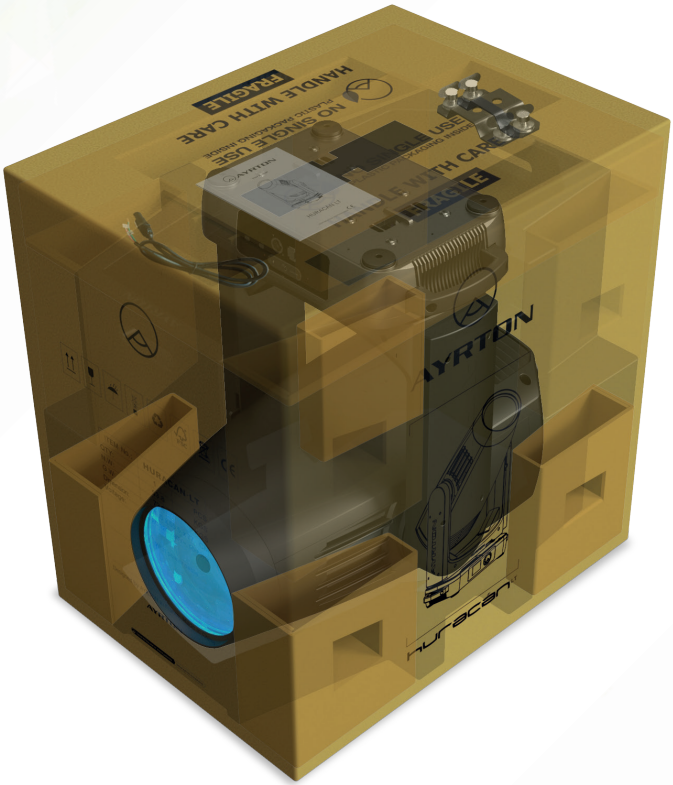
Modularity

Modular design of Ayrton luminaires ensures upgradability and repairability to maximize product potential at customer request, extends product lifetime, and reduces product replacement frequency.
Modularity also facilitates disassembly at the end-of-life stage.

Materials

Choices of materials are crucial in providing products that are more environmentally friendly and resource-efficient, while still meeting functional and aesthetic requirements. We are actively researching in alternative materials options that are more ecologically-friendly for both luminaires and packaging.

NO SINGLE USE
PLASTIC PACKAGING INSIDE



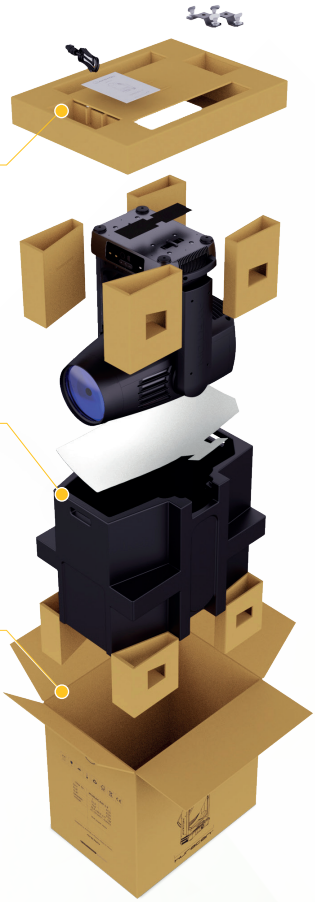
PACKAGING

Primary Packaging

- Accessory-holder and corners: impact-resistant, durable corrugated paper from FSC certified sources
- 100% recyclable

- Customized-designed rigid poly-foam inserts: highly durable and reusable, ideal for fixture protection in shipment and storage
- Specialized recycling required

- Outer cardboard box: corrugated paper from FSC certified sources, up to 90% recycled pulp
- 100% recyclable



Secondary Packaging

We are shipping products using robust plastic pallets, which are reused multiple times, both for shipping and for storage. We've also switched from plastic pallet wrap to biodegradable alternatives.


ADDRESS
042

SUSTAINABILITY IN ACTION

No Single-use Plastic
bottled water and soft drinks at our offices

Local Suppliers
make our corporate events efficient and impactful

FSC/PEFC
certified corrugated boxes & recycled paper

Glass Milk Bottles
returned to the supplier for re-use and recycling.

100% Recycling
Sorting WEEE, Plastic, Glass, Paper & General Waste.

Reusable Drinking Flasks
are provided to our colleagues, partners, and users

Electric charging points
for our Electric & Plug-in Hybrid Electric Vehicles

Mixed Materials
Exploring the use of metals and plastics with the goal of incorporating recycled raw materials into future products.

100%
Renewable

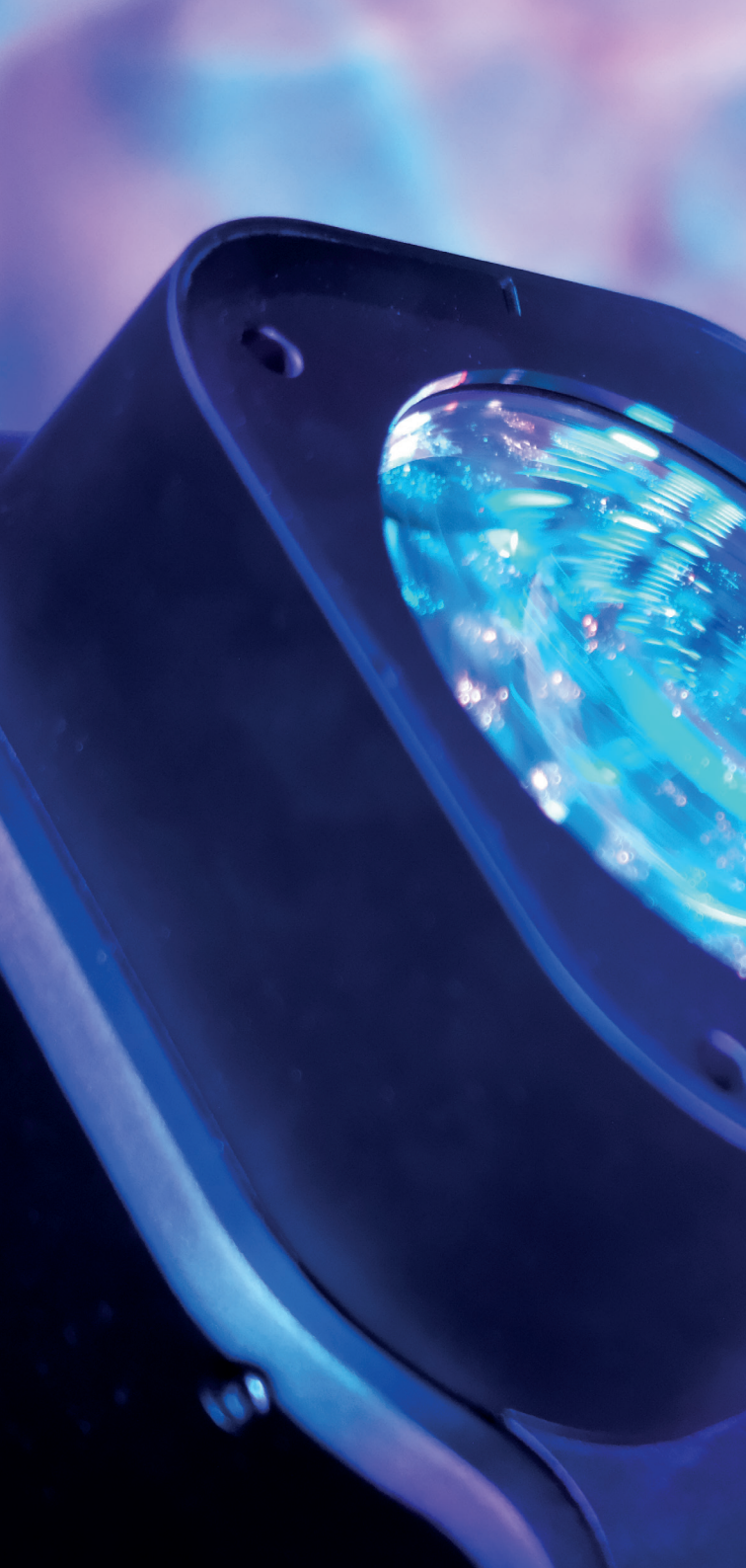
Since June 2022, the power needs of Ayrton's French HQ have been entirely covered by a 100% renewable energy tariff supplied by Ekivolt.

Using 60% recycled paper instead of non-recycled, the environmental impact of this catalogue is reduced by:

35,230 litres of water
1,361 kg of wood
838 kg of landfill
97 kg CO^2 and greenhouse gases

968 km travel in the average European car
1,960 kWh of energy

Sources: Carbon footprint data evaluated by Labelia Conseil. Virgin fibre paper data from latest European BREF data.



CALENDAR 120-123



2026

	JANUARY		FEBRUARY		MARCH	
THU	1					
FRI	2					
SAT	3					
SUN	4		1		1	
MON	5		2		2	
TUE	6		3	ISEUROPE BARCELONA, SPAIN	3	
WED	7		4		4	
THU	8		5		5	
FRI	9		6		6	
SAT	10		7		7	
SUN	11		8		8	
MON	12		9		9	
TUE	13		10		10	
WED	14		11		11	
THU	15		12		12	
FRI	16		13		13	
SAT	17		14		14	
SUN	18		15		15	
MON	19		16		16	
TUE	20		17		17	
WED	21		18		18	
THU	22		19		19	
FRI	23		20		20	
SAT	24		21		21	
SUN	25		22		22	
MON	26		23	TPI AWARDS LONDON, UK	23	
TUE	27		24		24	
WED	28		25		25	
THU	29		26		26	
FRI	30		27		27	
SAT	31		28		28	
SUN					29	
MON					30	
TUE					31	
WED						
THU						
FRI						

2026

	APRIL		MAY		JUNE	
WED	1					
THU	2					
FRI	3		1			
SAT	4		2			
SUN	5		3			
MON	6		4		1	
TUE	7		5		2	
WED	8		6		3	ABTT LONDON, UK
THU	9		7		4	
FRI	10		8		5	
SAT	11		9		6	
SUN	12		10		7	
MON	13		11		8	
TUE	14		12		9	
WED	15	EXPO SCENE MONTREAL, CANADA	13	PLASA FOCUS LEEDS, UK	10	
THU	16		14		11	
FRI	17		15		12	
SAT	18		16		13	
SUN	19		17		14	
MON	20		18		15	
TUE	21		19	SLS EXPO RIYADH, SAUDI ARABIA	16	
WED	22		20		17	INFOCOMM FLORIDA, USA
THU	23		21	TPIMEA	18	
FRI	24		22	AWARDS DUBAI, UAE	19	
SAT	25		23		20	
SUN	26		24		21	
MON	27		25		22	
TUE	28		26		23	
WED	29		27		24	
THU	30		28	PALM EXPO MUMBAI, INDIA	25	
FRI			29		26	
SAT			30		27	
SUN			31		28	
MON					29	
TUE					30	
WED						
THU						

2026

	JULY		AUGUST		SEPTEMBER	
WED	1					
THU	2					
FRI	3					
SAT	4		1			
SUN	5		2			
MON	6		3			
TUE	7		4		1	
WED	8		5		2	
THU	9		6		3	
FRI	10		7		4	
SAT	11		8		5	
SUN	12		9		6	PLASA LONDON, UK
MON	13		10		7	
TUE	14		11		8	
WED	15	INFOCOMM ASIA BANGKOK, THAILAND	12		9	
THU	16		13		10	
FRI	17		14		11	IBC AMSTERDAM, THE NETHERLANDS
SAT	18		15		12	
SUN	19		16		13	
MON	20		17		14	
TUE	21		18		15	
WED	22		19		16	
THU	23		20		17	
FRI	24		21		18	
SAT	25		22		19	
SUN	26		23		20	
MON	27		24		21	
TUE	28		25		22	
WED	29		26		23	
THU	30		27	INTEGRATE SYDNEY, AUSTRALIA	24	
FRI	31		28		25	
SAT			29		26	
SUN			30		27	
MON			31		28	
TUE					29	
WED					30	
THU						

2026

	OCTOBER		NOVEMBER		DECEMBER	
THU	1					
FRI	2					
SAT	3					
SUN	4		1			
MON	5		2			
TUE	6	LLB STOCKHOLM, SWEDEN	3		1	
WED	7		4		2	
THU	8		5		3	
FRI	9		6		4	
SAT	10		7		5	
SUN	11		8		6	
MON	12		9		7	GITEX GLOBAL DUBAI, UAE
TUE	13		10		8	
WED	14		11		9	
THU	15		12		10	
FRI	16		13		11	
SAT	17		14		12	
SUN	18		15		13	
MON	19		16		14	
TUE	20		17		15	
WED	21		18		16	
THU	22		19		17	
FRI	23		20		18	
SAT	24		21		19	
SUN	25		22		20	
MON	26		23		21	
TUE	27		24		22	
WED	28		25		23	
THU	29		26		24	
FRI	30		27		25	
SAT	31		28		26	
SUN			29		27	
MON			30		28	
TUE					29	
WED					30	
THU					31	
FRI						





WARRANTY 126-129

CREDITS 130

LEGAL 130

WARRANTY / SERVICE PROCEDURE

FIXTURES & PARTS
2 years warranty

ALL USED AND EX DEMO PRODUCT
90 day warranty

LED ENGINE
5 years warranty (See section 1.h)

Warranty starts from date of invoice.
The below document outlines Ayrton's warranty and service repair procedure.

WARRANTY FOR STOCK

All product bought for the purposes of holding stock will automatically benefit from 30 months of warranty instead of the usual 24 months warranty. This new extension will better ensure that our customers are able to benefit from the full 24 months warranty while not disadvantaging our distribution partners performing a vital part of our strategy.

In order to avail yourself of this additional 6 months warranty, when requesting a warranty repair for a fixture falling under this category, provide Ayrton Service with the delivery note or invoice from Distributor to End Customer showing the date of sale.

1. Warranty

a. Ayrton only warrants its products against defects in material or workmanship.

b. A product under warranty that is faulty out of the box or within 100 hours of use (as indicated by the fixture's Total Life Hours counter) may qualify for an advanced replacement with a new fixture or spare parts to be sent out at Ayrton's discretion.

i. The customer should call or email Ayrton with the following information:
1. Contact name and details
2. Product serial number
3. Date of purchase
4. Vendor name
5. Description of fault
6. Shipping address
7. Preference for replacement or repair.

ii. Ayrton will provide the customer with a Return Material Authorisation number which should be placed clearly on the package which is returned.

c. Product which is under warranty and is faulty after 100 hours of use (as defined on the fixture's Total Life Hours counter) will have advanced replacement spare parts sent out.

i. The customer should call or email Ayrton with the following information:

1. Contact name and details
2. Product serial number
3. Date of purchase
4. Vendor name
5. Description of fault
6. Shipping address

ii. Ayrton will provide the customer with a Return Material Authorisation number which should be placed clearly on the package which is returned.

d. Ayrton will provide economy shipping, one way, for all warranty related items.

e. Although all warranty parts are free of charge, Ayrton will issue an invoice for advanced replacement fixtures or parts and a credit will be applied to the account when the faulty unit (fixture or part) is received back at Ayrton. Occasionally and at Ayrton's sole discretion, Ayrton may waive the requirement to return the faulty part or fixture.

f. At any time, the customer is able to return a fixture, under warranty, to Ayrton, for repair. This repair will be carried out free of charge and Ayrton will pay economy shipping one way. All additional charges, such as import duties, should they be payable, will be the customer's responsibility.

i. The customer should call or email Ayrton with the following information:

1. Contact name and details
2. Product serial number
3. Date of purchase
4. Vendor name
5. Description of fault

ii. Ayrton will then provide the customer with a Return Material Authorisation number which should be placed clearly on the package which is returned. This will allow us to track the incoming repair and deal with it appropriately.

g. Warranty Period for repair of fixtures under warranty.

i. All repairs made to fixtures under warranty will fall under the fixture's original warranty period or benefit from a 90 day warranty period, whichever is more beneficial to the customer.

ii. An exception to this rule is for White Light Engines which will benefit from a 2 year warranty period, starting from date of repair.

WARRANTY / SERVICE PROCEDURE

h. LED Engine warranty covers physical failure of the LED engine itself. It does not extend to:

i. Any electronic circuits driving, controlling or monitoring the LED engine.

ii. To the maintenance of lumen (l70) levels or colour stability.

iii. To units deployed in applications where they are in continuous use of more than 14 hours per day.

iiii. To units deployed in areas where the ambient temperature falls outside the stated temperature operating ranges for said unit.

iv. To units which have had engines replaced by anyone other than an Ayrton certified/ trained technician.

vi. To units deployed in permanent outdoor installations.

vii. To units used contrary to the instructions to be found in the manual.

viii. Applies to units sold after September 1, 2023

i. Warranty Exclusions.

i. Damage caused by the sun, not limited to lens and cover damage. In daylight circumstances Ayrton lights must always be pointed away from the sun. Internal damage may occur even when the lens of the fixture is at an angle offset to the sun. It is best practice to point the fixture lens to a position opposite the sun.

ii. Damage caused by other fixtures (including lasers) when said external light source is directed into the lens of the fixture.

iii. Damage caused by storing fixtures when wet or dirty.

iv. Damage caused by using abrasive cleaning agents on covers.

v. Damage by improper use and improper or incorrect installation.

vi. Damage caused by neglect or abuse. This includes accidental dropping, penetration of water, incorrect mounting or exposure to excessive temperatures or humidity.

vii. Damage due to wear and tear sustained during normal use.

viii. Using the fixture contrary to the instructions provided in the user manual.

2. Service

a. Product which is no longer under warranty can have spare parts purchased from Ayrton or your Distributor.

b. Customers are also able to send product in to Ayrton for repair.

i. The customer should call or email Ayrton with the following information

1. Contact name and details
2. Product serial number
3. Date of purchase
4. Vendor name
5. Description of fault
6. Instruction on whether or not the customer would like a repair estimate (25 Euros exc. VAT) prior to the start of the repair.

ii. Ayrton will then provide the customer with a Return Material Authorisation number which should be placed clearly on the package which is returned. This will allow us to track the incoming repair and deal with it appropriately.

iii. Ayrton charges 70 Euros an hour (exc. VAT) for repair work excluding parts.

c. Ayrton does not cover freight costs for non-warranty repairs or parts shipments. These are solely the responsibility of the customer.

d. Warranty Period for repair of fixtures not under warranty

i. All repairs made to fixtures not under warranty will benefit from a 90 day warranty period, from date of repair.

ii. An exception to this rule is for White Light Engines which will benefit from a 2 year warranty period, starting from date of repair.

CREDITS

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MAGICDOT NEO



Illuminance at 5m **16,000 lx**	Zoom Aperture **3° to 30°**	IP Rating **IP65**
Native CRI **‹ 86**	Front Lens **100 mm**	Weight **6.6 kg**

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