AYRTON

Digital Lighting

20

YEARS OF

DIGITAL LIGHTING

2001 × 2021

THANK YOU

for these 20 years
of Digital Lighting

KARIF LT   Classical 3 Series
011170

KARIF is a versatile new fixture in the "LT" (Long Throw) series, adding to the AYRTON product offering for long-distance applications. This is a machine with phenomenal powers capable of delivering stunning visual effects. An ultra-compact 300 W beam-spot luminaire equipped with a 168 mm frontal lens, KARIF offers an astronomical zoom ratio of 17:1 and a zoom range of 2.8° to 47°. To achieve an ultra-intense beam with an LED source, AYRTON uses an entirely new miniaturised high-efficiency low-etendue compact LED module. Calibrated at 8000 K, it can generate powerful metallic white light and deep, vivid colours suitable for this type of application. KARIF provides overall output of 14,000 lumens at a colour temperature of 7000 K. In this first hybrid LED luminaire, AYRTON has added continuous rotation to its panoramic movement to expand the possibilities for creating complex special effects.

KARIF offers full-featured standard equipment including a CMY colour mixing system and a multi-position colour wheel with a variable CTO, four colour-temperature correction filters, and nine complementary colour filters on two concentric circles (patent pending). The effect section includes one wheel with nine interchangeable rotating HD glass gobos. For KARIF LT to reproduce multiple images, AYRTON has developed a totally new wheel of fixed multi-position gobos with instant access to 19 HD glass gobos and 20 metal gobos on three concentric circles (patent pending). KARIF is also equipped with a bi-directional continuous dynamic effects wheel. The prism effect system comprising four individually combinable prisms, coupled with 48 fixed and rotating gobos and an ultra-intense beam, can create unusual and spectacular kaleidoscopic effects.

OPTICS
- 13-element 17:1 zoom
- Beam aperture: 2.8° to 47°
- 168 mm frontal lens

LIGHT SOURCE
- 20,000 lumens 8000 K light engine
- Luminaire output: up to 14,000 lumens
- 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 with automatic repositioning
- Range: infinite rotation (pan), 270° (tilt)

COLOURS
- Sophisticated CMY colour mixing
- Progressive CTO
- 4 colour temperature correction
- 9 complementary colours

GOBOS
- 9 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- 19 fixed HD glass gobos & 20 metal gobos including 5 beam reducers
- Gobo diameter (rotating): 18.0 mm
- Image diameter (rotating): 13.0 mm
- Gobo thickness: 1.1 mm

FROST
- 2 frost filters: one light, one heavy

PRISM
- 4 combinable rotating prisms
- Continuous rotation in both directions

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 (32 to 46 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: 2 m (6.56 ft)

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

SIZE
- Product: 365 x 622 x 212 mm (l x h x d)
- Foam: 430 x 660 x 280 mm (l x h x d)

WEIGHT
- Product: 27 kg

PRODUCT CODE
- 011170: KARIF LT

MISTRAL S

Classical 3 Series

011240

AYRTON has once again pushed the limits with MISTRAL S, a versatile, new fully equipped 300 W spot luminaire in the same ultra-compact format as MERAK. Its new 13-lens proprietary optical system delivers a 8:1 zoom ratio with a zoom range of 7° to 53°. The optics, equipped with a 119 mm frontal lens, can achieve an extremely uniform flat beam that can render images perfectly in all conditions and at any beam angle. Designed for scenic applications, MISTRAL S is equipped with an entirely new LED module using a monochromatic light source calibrated at 8000 K, delivering powerful metallic white light with record-breaking output of 18,000 lumens and a colour temperature of 7000 K.

Feature-rich from the factory, MISTRAL S includes a CMY colour mixing system combined with a variable CTO and a seven-position complementary colour wheel for producing an infinite palette of vivid pastels and saturated colours. The effects section includes 16 interchangeable HD glass gobos on two wheels: one rotating wheel with seven positions and one fixed wheel with nine positions. Its continuous dynamic effects wheel can be used in combination with the two gobo wheels to create unique graphical effects. MISTRAL S also features a 15-blade iris diaphragm, a five-facet rotating prism, and a soft-edge frost filter as standard equipment. MISTRAL S has a highly efficient phase-change liquid cooling system using a heat pipe that includes a particularly effective Silent ventilation mode, designed for studio and theatre applications.

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

LIGHT SOURCE
- 26,000 lumens 8000 K light engine
- Luminaire output: up to 18,000 lumens
- 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 with automatic repositioning
- Range: 540° (pan), 270° (tilt)

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

GOBOS
- 7 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- 9 fixed HD glass gobos
- Gobo diameter: 25.5 mm
- Image diameter: 20.0 mm
- Gobo thickness: 1.1 mm

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 (26 to 39 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

SIZE
- Product: 365 x 591 x 212 mm (l x h x d)
- Foam: 450 x 620 x 280 mm (l x h x d)

WEIGHT
- Product: 18.9 kg

PRODUCT CODE
- 011240: MISTRAL S

MISTRAL TC
Classical 3 Series

011250

AYRTON has once again pushed the limits with MISTRAL TC, a versatile, new fully equipped 300 W spot luminaire in the same ultra-compact format as MERAK. Its new 13-lens proprietary optical system delivers a 8:1 zoom ratio with a zoom range of 7° to 53°. The optics, equipped with a 119 mm frontal lens, can achieve an extremely uniform flat beam that can render images perfectly in all conditions and at any beam angle. Devised specifically for applications that require perfect colour reproduction, MISTRAL TC is equipped with an entirely new LED module using a monochromatic light source calibrated at 7000 K with a native colour rendering index greater than 90, extremely high TM30 readings and a colour temperature of 6500 K.

Feature-rich from the factory, MISTRAL TC includes a CMY colour mixing system combined with a variable CTO and a seven-position complementary colour wheel for producing an infinite palette of vivid pastels and saturated colours. The effects section includes 16 interchangeable HD glass gobos on two wheels: one rotating wheel with seven positions and one fixed wheel with nine positions. Its continuous dynamic effects wheel can be used in combination with the two gobo wheels to create unique graphical effects. MISTRAL TC also features a 15-blade iris diaphragm, a five-facet rotating prism, and a soft-edge frost filter as standard equipment. MISTRAL TC has a highly efficient phase-change liquid cooling system using a heat pipe that includes a particularly effective Silent ventilation mode, designed for studio and theatre applications.

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

LIGHT SOURCE
- 21,000 lumens 7000 K light engine
- Luminaire output: up to 14,000 lumens
- 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 with automatic repositioning
- Range: 540° (pan), 270° (tilt)

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

GOBOS
- 7 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- 9 fixed HD glass gobos
- Gobo diameter: 25.5 mm
- Image diameter: 20.0 mm
- Gobo thickness: 1.1 mm

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 (26 to 39 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

SIZE
- Product: 365 x 591 x 212 mm (l x h x d)
- Foam: 450 x 620 x 280 mm (l x h x d)

WEIGHT
- Product: 18.9 kg

PRODUCT CODE
- 011250: MISTRAL TC

DIABLO S   Classical 3 Series
011340

AYRTON's latest innovation, DIABLO 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 S the smallest, lightest and most efficient luminaire of its category. With a record output of 19,000 lumens and a total weight of 22 kg, DIABLO 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 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 frontal lens can produce an extremely uniform flat beam that can render images perfectly in all conditions and at any beam angle. DIABLO 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 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 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 frontal lens

LIGHT SOURCE
- 26,500 lumens 8000 K light engine
- Luminaire output: up to 19,000 lumens
- 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 with automatic repositioning
- Range: 540° (pan), 270° (tilt)

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

GOBOS
- 7 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- Gobo diameter: 25.5 mm
- Image diameter: 20.0 mm
- Gobo thickness: 1.1 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

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 S

DIABLO TC   Classical 3 Series
011350

AYRTON's latest innovation, DIABLO 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 TC the smallest, lightest and most efficient luminaire of its category. With a record output of 14,000 lumens and a total weight of 22 kg, DIABLO 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 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 frontal lens can produce an extremely uniform flat beam that can render images perfectly in all conditions and at any beam angle. DIABLO 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 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 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 frontal lens

LIGHT SOURCE
- 20,500 lumens 7000 K light engine
- Luminaire output: up to 14,000 lumens
- 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 with automatic repositioning
- Range: 540° (pan), 270° (tilt)

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

GOBOS
- 7 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- Gobo diameter: 25.5 mm
- Image diameter: 20.0 mm
- Gobo thickness: 1.1 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

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 TC

LEVANTE S
Classical 3 Series

010240

AYRTON now introduces LEVANTE S, a dramatically miniaturised version of the BORA wash light, and using the same radical concept, has endowed it with outstanding performance capabilities in the confines of an ultra-compact format. Levante is a marvel of technology that will attract the most demanding lighting designers. Fitted with a spherical frontal 138 mm lens, the proprietary optical system, using 13 lenses and developed specifically for wash-type applications, features a zoom ratio of over a 8:1 and an impressive zoom range from 6.9° to 57°. The optics produce an extremely uniform flat beam with no hot spot, ensuring a perfect colour mix regardless of the colour combination selected. AYRTON has created a wash luminaire that can actually sculpture light and added a high-transmission diffusion filter to the zoom lens group to erase the edge of the beam without changing its angle. A variable linear frost system was developed to let the user adjust the desired diffusion level with precision. A new barndoors module allows the four shutter blades to be freely positioned on 100% of the surface area so that any object can be framed regardless of the luminaire's position.

LEVANTE S is specially designed for stage applications. Weighing only 22 kg, LEVANTE S, can produce metallic white light calibrated at 7000 K and deliver light output greater than 20,000 lumens while consuming only 300 W. Feature-rich from the factory, LEVANTE S is not only equipped with a barndoor module but also a CMY colour mixing system, which, combined with a variable CTO and a wheel with seven complementary colours, produces an infinite palette of vivid pastels and saturated colours. A 15-blade iris diaphragm and a wheel with seven indexable rotating gobos are supplied as standard equipment. A new ultra-compact high-output 550 W power supply feeds eight additional motors in the barndoor system, fitting into the same format as MISTRAL. LEVANTE S has a highly efficient phase-change liquid cooling system using a heat pipe that includes a particularly effective ultra-silent ventilation mode, designed for stage and studio applications.

OPTICS
- 13-element 8:1 zoom
- Beam aperture: 6.9° to 57°
- 138 mm frontal lens

LIGHT SOURCE
- 26,500 lumens 8000 K light engine
- Luminaire output: up to 20,000 lumens
- 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 with automatic repositioning
- Range: 540° (pan), 270° (tilt)

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

GOBOS
- 7 indexable rotating metallic gobos
- Adjustable-speed rotating gobo
- Gobo diameter: 25.5 mm
- Image diameter: 19.0 mm

BARNDOORS
- 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
- 0% to 100% variable linear frost

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 (29 to 50 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

SIZE
- Product: 365 x 632 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
- 010240: LEVANTE S

Lumens
15,000

Kelvin
6500

CRI
> 90

Zoom
6.9° - 57°

LEVANTE TC
010250

Classical 3 Series

AYRTON now introduces LEVANTE TC, a dramatically miniaturised version of the BORA wash light, and using the same radical concept, has endowed it with outstanding performance capabilities in the confines of an ultra-compact format. Levante is a marvel of technology that will attract the most demanding lighting designers. Fitted with a spherical frontal 138 mm lens, the proprietary optical system, using 13 lenses and developed specifically for wash-type applications, features a zoom ratio of over a 8:1 and an impressive zoom range from 6.9° to 57°. The optics produce an extremely uniform flat beam with no hot spot, ensuring a perfect colour mix regardless of the colour combination selected. AYRTON has created a wash luminaire that can actually sculpture light and added a high-transmission diffusion filter to the zoom lens group to erase the edge of the beam without changing its angle. A variable linear frost system was developed to let the user adjust the desired diffusion level with precision. A new barndoors module allows the four shutter blades to be freely positioned on 100% of the surface area so that any object can be framed regardless of the luminaire's position.

LEVANTE 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. Weighing only 22 kg, LEVANTE TC can deliver light output greater than 15,000 lumens while consuming only 300 W. Feature-rich from the factory, LEVANTE TC is not only equipped with a barndoor module but also a CMY colour mixing system, which, combined with a variable CTO and a wheel with seven complementary colours, produces an infinite palette of vivid pastels and saturated colours. A 15-blade iris diaphragm and a wheel with seven indexable rotating gobos are supplied as standard equipment. A new ultra-compact high-output 550 W power supply feeds eight additional motors in the barndoor system, fitting into the same format as MISTRAL. LEVANTE TC has a highly efficient phase-change liquid cooling system using a heat pipe that includes a particularly effective ultra-silent ventilation mode, designed for stage and studio applications.

OPTICS
- 13-element 8:1 zoom
- Beam aperture: 6.9° to 57°
- 138 mm frontal lens

LIGHT SOURCE
- 20,500 lumens 7000 K light engine
- Luminaire output: up to 15,000 lumens
- 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 with automatic repositioning
- Range: 540° (pan), 270° (tilt)

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

GOBOS
- 7 indexable rotating metallic gobos
- Adjustable-speed rotating gobo
- Gobo diameter: 25.5 mm
- Image diameter: 19.0 mm

BARNDOORS
- 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
- 0% to 100% variable linear frost

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 (29 to 50 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

SIZE
- Product: 365 x 632 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
- 010250: LEVANTE TC

COBRA
Laser Source IP65 3 Series

014170

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 frontal 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 six 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 -10° C (14° 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 frontal lens

LIGHT SOURCE
- Laser phosphore engine
- Luminaire output: up to 386,000 lux at 20m
- 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 with automatic repositioning
- Range: infinite pan & tilt rotation

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

GOBOS
- 12 indexable rotating gobos
- Adjustable-speed rotating gobo
- 80 fixed metal gobos
- Rotating gobo diameter: 6.9 mm
- Rotating gobo Image diameter: 4.0 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 connector

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 and steel plates
- 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 (14 °F)
- Minimum usage distance: 25.0 m (82 ft)

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

SIZE
- Product: 415 x 660 x 280 mm (l x h x d)
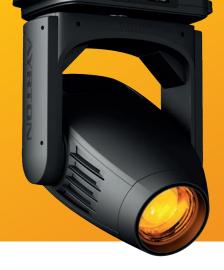- Foam: 485 x 565 x 560 mm (l x h x d)

WEIGHT
- Product: 33 kg

PRODUCT CODE
- 014170: COBRA

GHIBLI S   Classical 6 Series

011450

GHIBLI S is AYRTON's first LED spot luminaire that is factory-equipped with a framing system designed to offer lighting designers unlimited creative possibilities without any compromise. Fitted with a LED module using a high-output, low-etendue monochromatic light source calibrated at 8000 K, GHIBLI S delivering powerful metallic white light with output of 23,000 lumens and a colour temperature of 7000 K in a highly compact format. The proprietary optical system, equipped with a 137 mm frontal lens, has 13 high-quality lenses, delivering an 8:1 zoom ratio and a zoom range of 7° to 56°. The optics produce an extremely uniform flat beam with no hot spot. The selection of gobos and colours was made in collaboration with lighting designers to meet the needs of the entertainment industry.

AYRTON has concentrated its expertise into one, single fixture GHIBLI S to offer you a maximum of possibilities. Think versatile. Think Ghibli. Standard features on GHIBLI S include a CMY colour mixing system combined with a variable CTO and a six-position complementary colour wheel to produce in an infinite palette of pastels and saturated colours. The luminaire is fitted with an entirely new filter for optimising the colour rendering index. The framing system allows each frame to be positioned with precision on a 100% surface area in all positions. The effects section includes two wheels with interchangeable HD glass gobos: one with seven rotating and the other with eight fixed gobos; a continuous dynamic effects wheel; an iris diaphragm; two frost filters and a five-facet rotating prism. GHIBLI S is equipped with a new, highly effective phase-change liquid cooling system using a heat pipe.

OPTICS
- 13-element 8:1 zoom
- Beam aperture: 7° to 56°
- 137 mm frontal lens

LIGHT SOURCE
- 36,000 lumens 8000 K light engine
- Luminaire output: up to 23,000 lumens
- 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 with automatic repositioning
- Range: 540° (pan), 270° (tilt)

COLOURS
- Sophisticated CMY colour mixing
- Variable CTO
- 6 complementary colours
- High CRI filter (up to 90)

GOBOS
- 7 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- 8 fixed HD glass gobos
- Gobo diameter: 30.0 mm
- Image diameter: 22.0 mm
- Gobo thickness: 1.1 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
- 2 frost filters: one light, one heavy

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
- 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 (36 to 58 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60 Hz
- Power: 800 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
- 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: 2.0 m (6.56 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: UL 1573 & FCC Part 15,
  Subpart B: 2018
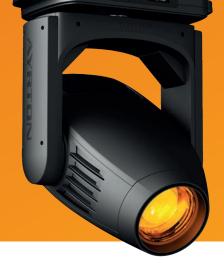
SIZE
- Product: 468 x 734 x 280 mm (l x h x d)
- Foam: 655 x 590 x 555 mm (l x h x d)

WEIGHT
- Product: 35.6 kg

PRODUCT CODE
- 011450: GHIBLI S

GHIBLI TC

Classical 6 Series

011460

GHIBLI TC is AYRTON's first LED spot luminaire that is factory-equipped with a framing system designed to offer lighting designers unlimited creative possibilities without any compromise. Fitted with a LED module using a high-output, low-etendue monochromatic light source calibrated at 6500 K, GHIBLI TC is designed for applications that require perfect colour reproduction with a native colour rendering index greater than 90, extremely high TM30 readings and a colour temperature of 5900 K. The proprietary optical system, equipped with a 137 mm frontal lens, has 13 high-quality lenses, delivering an 8:1 zoom ratio and a zoom range of 7° to 56°. The optics produce an extremely uniform flat beam with no hot spot. The selection of gobos and colours was made in collaboration with lighting designers to meet the needs of the entertainment industry.

AYRTON has concentrated its expertise into one, single fixture GHIBLI TC to offer you a maximum of possibilities. Think versatile. Think Ghibli. Standard features on GHIBLI TC include a CMY colour mixing system combined with a variable CTO and a six-position complementary colour wheel to produce in an infinite palette of pastels and saturated colours. The framing system allows each frame to be positioned with precision on a 100% surface area in all positions. The effects section includes two wheels with interchangeable HD glass gobos: one with seven rotating and the other with eight fixed gobos; a continuous dynamic effects wheel; an iris diaphragm; two frost filters and a five-facet rotating prism. GHIBLI TC is equipped with a new, highly effective phase-change liquid cooling system using a heat pipe.

OPTICS
- 13-element 8:1 zoom
- Beam aperture: 7° to 56°
- 137 mm frontal lens

LIGHT SOURCE
- 26,000 lumens 6500 K light engine
- Luminaire output: up to 17,000 lumens
- Colour temperature output: 5900 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 with automatic repositioning
- Range: 540° (pan), 270° (tilt)

COLOURS
- Sophisticated CMY colour mixing
- Variable CTO
- 6 complementary colours
- High CRI filter (up to 92)

GOBOS
- 7 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- 8 fixed HD glass gobos
- Gobo diameter: 30.0 mm
- Image diameter: 22.0 mm
- Gobo thickness: 1.1 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
- 2 frost filters: one light, one heavy

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
- 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 (36 to 58 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60 Hz
- Power: 800 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
- 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: 2.0 m (6.56 ft)

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

SIZE
- Product: 468 x 734 x 280 mm (l x h x d)
- Foam: 655 x 590 x 555 mm (l x h x d)

WEIGHT
- Product: 35.6 kg

PRODUCT CODE
- 011460: GHIBLI TC

EURUS PROFILE S   Classical 6 Series

011540

A new addition to the 6 Series, EURUS PROFILE S is the first multi-function profile luminaire launched under the new Slim-21™ programme for miniaturising fixtures and reducing their weight. AYRTON has developed a new high-efficiency power supply in an entirely new die-cast aluminium base that takes up 33% less volume than in other luminaires of the same category. A lighter internal structure and all-new miniaturised stepper motors add to the final result. This new luminaire boasts optics specifically developed for applications requiring perfect image reproduction and significantly reduced distortion caused by the shutter blades in wide zoom. Fitted with a 170 mm frontal lens, the proprietary optical system uses 13 lenses, producing an 11:1 zoom ratio and a zoom range of 4.5° to 50°. EURUS PROFILE S is specially designed for stage applications, is equipped with a new 650 W ultra-compact monochromatic LED emitter calibrated at 8200 K, it can deliver metallic white light with an output of 36,000 lumens at a colour temperature of 6700 K.

Feature-packed from the factory, EURUS PROFILE S includes a subtractive CMY colour mixing system combined with a variable CTO and a seven-position complementary colour wheel for displaying an infinite palette of vivid pastels and saturated colours. In addition, the colour section contains two additional filters for optimising the colour rendering index and TM30 readings. The framing section allows accurate positioning of each shutter blade on a 100% surface area in all positions, so that the user can frame any object regardless of the luminaire's position. The image section includes 18 interchangeable HD glass gobos on two wheels: one rotating wheel with seven positions and one fixed wheel with eleven positions. The effects section includes one continuous dynamic effect-wheel, 15-blade iris diaphragm, two frost filters (one for light and one for heavy diffusion), two combinable rotating prisms (one circular with 5 facets and one linear with 4 facets). EURUS PROFILE S has a highly efficient phase-change liquid cooling system using a heat pipe that includes a particularly effective ultra-silent ventilation mode, designed for stage and studio applications.

OPTICS
- 13-elements 11:1 zoom
- Beam aperture: 4.5° to 50°
- 170 mm frontal lens

LIGHT SOURCE
- 45,600 lumens 8200 K light engine
- Luminaire output: up to 36,000 lumens
- 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), 270° (tilt)

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

GOBOS
- 7 indexable rotating HD glass gobo
- Adjustable-speed rotating gobo
- 11 fixed HD glass gobo
- Gobo diameter: 27.0 mm
- Image diameter: 22.0 mm
- Gobo thickness: 1.1 mm

FRAMING SYSTEM
- 4 individually positionable shutter blades
- Positionable on 100% of the 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

PRISM
- 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
- 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 (39 to 62 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60Hz
- Power: 1,000 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
- 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: 2.0 m (6.56 ft)

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

SIZE
- Product: 445 x 743 x 273 mm (l x h x d)
- Foam: 655 x 590 x 555 (l x h x d)

WEIGHT
- Product: 32.9 kg

PRODUCT CODE
- 011540: EURUS PROFILE S

EURUS PROFILE TC   Classical 6 Series

011545

A new addition to the 6 Series, EURUS PROFILE TC is the first multi-function profile luminaire launched under the new Slim-21™ programme for miniaturising fixtures and reducing their weight. AYRTON has developed a new high-efficiency power supply in an entirely new die-cast aluminium base that takes up 33% less volume than in other luminaires of the same category. A lighter internal structure and all-new miniaturised stepper motors add to the final result. This new luminaire boasts optics specifically developed for applications requiring perfect image reproduction and significantly reduced distortion caused by the shutter blades in wide zoom. Fitted with a 170 mm frontal lens, the proprietary optical system uses 13 lenses, producing an 11:1 zoom ratio and a zoom range of 4.5° to 50°. EURUS 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, at a colour temperature of 6200 K.

Feature-packed from the factory, EURUS PROFILE TC includes a subtractive CMY colour mixing system combined with a variable CTO and a seven-position complementary colour wheel for displaying an infinite palette of vivid pastels and saturated colours. In addition, the colour section contains two additional filters for optimising the colour rendering index and TM30 readings. The framing section allows accurate positioning of each shutter blade on a 100% surface area in all positions, so that the user can frame any object regardless of the luminaire's position. The image section includes 18 interchangeable HD glass gobos on two wheels: one rotating wheel with seven positions and one fixed wheel with eleven positions. The effects section includes one continuous dynamic effect-wheel, 15-blade iris diaphragm, two frost filters (one for light and one for heavy diffusion), two combinable rotating prisms (one circular with 5 facets and one linear with 4 facets). EURUS PROFILE TC has a highly efficient phase-change liquid cooling system using a heat pipe that includes a particularly effective ultra-silent ventilation mode, designed for stage and studio applications.

OPTICS
- 13-elements 11:1 zoom
- Beam aperture: 4.5° to 50°
- 170 mm frontal lens

LIGHT SOURCE
- 32,000 lumens 7000 K light engine
- Luminaire output: up to 25,000 lumens
- Colour temperature output: 6200 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), 270° (tilt)

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

GOBOS
- 7 indexable rotating HD glass gobo
- Adjustable-speed rotating gobo
- 11 fixed HD glass gobo
- Gobo diameter: 27.0 mm
- Image diameter: 22.0 mm
- Gobo thickness: 1.1 mm

FRAMING SYSTEM
- 4 individually positionable shutter blades
- Positionable on 100% of the 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

PRISM
- 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
- 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 (39 to 62 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60Hz
- Power: 1,000 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
- 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: 2.0 m (6.56 ft)

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

SIZE
- Product: 445 x 743 x 273 mm (l x h x d)
- Foam: 655 x 590 x 555 (l x h x d)

WEIGHT
- Product: 32.9 kg

PRODUCT CODE
- 011545: EURUS PROFILE TC

KHAMSIN S   Classical 6 Series
011640

AYRTON has once again pushed the limits with a newly designed "profile" luminaire... KHAMSIN S... squeezing a 750 W LED module into the highly compact GHIBLI format, while offering 60% more light output. To make the luminaire this compact, AYRTON has completely redesigned its internal structure by using cast aluminium sides. The size of the cooling system also had to be dramatically reduced and made even more efficient. This high-end luminaire also features a double rotating gobo wheel on a single axis that will allow you to achieve astonishing high-definition morphing effects. The proprietary optical system, fitted with 13 lenses, features a 158 mm frontal lens and delivers an 8:1 zoom ratio and a zoom range of 7° to 58°. The high-quality optics offer excellent image reproduction and produce an extremely uniform flat beam with no hot spot, ensuring a perfectly homogeneous colour mix regardless of the colour combination selected.

KHAMSIN S is designed for scenic applications. It is equipped with a new LED module, delivering powerful metallic white light with record-breaking output of 40,000 lumens and a colour temperature of 7000 K. Feature-rich from the factory, KHAMSIN S includes a CMY colour mixing system, which, combined with a variable CTO and one wheel with six complementary colours, produces an infinite palette of vivid pastels and saturated colours. The framing section 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. The effects section includes two wheels with six interchangeable HD glass gobos; a continuous dynamic effects wheel; a 15-blade iris diaphragm; two frost filters: one light frost, one heavy frost; two rotating prisms: one circular with 5 facets, one linear with 4 facets. KHAMSIN S is the perfect lighting solution for large venues, such as arenas and stadiums dedicated to major events.

OPTICS
- 13-element 8:1 zoom
- Beam aperture: 7° to 58°
- 158 mm frontal lens

LIGHT SOURCE
- 60,000 lumens 8000 K light engine
- Luminaire output: up to 40,000 lumens
- 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 with automatic repositioning
- Range: 540° (pan), 270° (tilt)

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

GOBOS
- 12 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- Gobo diameter: 34.0 mm
- Image diameter: 24.0 mm
- Gobo thickness: 1.1 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
- 2 frost filters: one light, one heavy

PRISMS
- 2 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
- 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 (40 to 64 DMX channels)

POWER SUPPLY
- 120 to 240 Volts – 50/60 Hz
- Power: 1,150 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
- 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: 2.0 m (6.56 ft)

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

SIZE
- Product: 494 x 778 x 280 mm (l x h x d)
- Foam: 655 x 590 x 555 mm (l x h x d)

WEIGHT
- Product: 39.8 kg

PRODUCT CODE
- 011640: KHAMSIN S

Lumens
31,000

Kelvin
6400

CRI
>90

Zoom
7°-58°

KHAMSIN TC

Classical 6 Series

011650

AYRTON has once again pushed the limits with a newly designed "profile" luminaire... KHAMSIN TC... squeezing a 750 W LED module into the highly compact GHIBLI format, while offering 60% more light output. To make the luminaire this compact, AYRTON has completely redesigned its internal structure by using cast aluminium sides. The size of the cooling system also had to be dramatically reduced and made even more efficient. This high-end luminaire also features a double rotating gobo wheel on a single axis that will allow you to achieve astonishing high-definition morphing effects. The proprietary optical system, fitted with 13 lenses, features a 158 mm frontal lens and delivers an 8:1 zoom ratio and a zoom range of 7° to 58°. The high-quality optics offer excellent image reproduction and produce an extremely uniform flat beam with no hot spot, ensuring a perfectly homogeneous colour mix regardless of the colour combination selected.

Devised specifically for applications that require perfect colour reproduction, KHAMSIN TC is equipped with an entirely new LED module using a monochromatic light source with a native colour rendering index greater than 90, extremely high TM30 readings and a colour temperature of 6400 K. Feature-rich from the factory, KHAMSIN TC includes a CMY colour mixing system, which, combined with a variable CTO and one wheel with six complementary colours, produces an infinite palette of vivid pastels and saturated colours. The framing section 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. The effects section includes two wheels with six interchangeable HD glass gobos; a continuous dynamic effects wheel; a 15-blade iris diaphragm; two frost filters: one light frost, one heavy frost; two rotating prisms: one circular with 5 facets, one linear with 4 facets. KHAMSIN TC is the perfect lighting solution for large venues, such as arenas and stadiums dedicated to major events.

OPTICS
- 13-element 8:1 zoom
- Beam aperture: 7° to 58°
- 158 mm frontal lens

LIGHT SOURCE
- 48,000 lumens 7000 K light engine
- Luminaire output: up to 31,000 lumens
- Colour temperature output: 6400 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 with automatic repositioning
- Range: 540° (pan), 270° (tilt)

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

GOBOS
- 12 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- Gobo diameter: 34.0 mm
- Image diameter: 24.0 mm
- Gobo thickness: 1.1 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
- 2 frost filters: one light, one heavy

PRISMS
- 2 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
- 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 (40 to 64 DMX channels)

POWER SUPPLY
- 120 to 240 Volts – 50/60 Hz
- Power: 1,150 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
- 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: 2.0 m (6.56 ft)

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

SIZE
- Product: 494 x 778 x 280 mm (l x h x d)
- Foam: 655 x 590 x 555 mm (l x h x d)

WEIGHT
- Product: 39.8 kg

PRODUCT CODE
- 011650: KHAMSIN TC

Lumens
40,000

Kelvin
6800

CRI
>70

Zoom
8° - 64°

BORA S

Classical 6 Series

010640

AYRTON has developed BORA S, its new feature-packed 750 W wash luminaire, using a radical approach. Its specific function is to establish the perfect atmosphere for your creative design. Fitted with a frontal 178 mm spherical lens, the proprietary optical system using 13 high-quality lenses was developed specifically for "wash" applications. It features an 8:1 zoom ratio for a wide zoom range from 8° to 64°. The optics produces an extremely uniform flat beam with no hot spot, ensuring a perfectly homogeneous colour mix regardless of the colour combination selected. BORA S is designed for scenic applications. It is equipped with a new LED module calibrated at 8000 K, delivering powerful metallic white light with record-breaking output of 40,000 lumens. Wonderfully sleek and compact, BORA S is example of meticulous workmanship.

Feature-rich from the factory, BORA S includes a CMY colour mixing system, which, combined with a variable CTO and two wheels with six complementary colours each, produces an infinite palette of vivid pastels and saturated colours. The framing section 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. BORA S is also factory-equipped with a wheel holding six rotating gobos specially designed for wash-type applications, a variable linear frost and a 15-blade iris diaphragm. Like all AYRTON luminaires, BORA S has a phase-change liquid cooling system using a heat pipe that includes a particularly effective silent ventilation mode. BORA S is particularly suitable for situations requiring a great deal of light output such as concerts or other live entertainment. Designed for total versatility.

OPTICS
- 13-element 8:1 zoom
- Beam aperture: 8° to 64°
- 178 mm frontal lens

LIGHT SOURCE
- 60,000 lumens 8000 K light engine
- Luminaire output: up to 40,000 lumens
- Colour temperature output: 6800 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 with automatic repositioning
- Range: 540° (pan), 270° (tilt)

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

GOBOS
- 6 indexable rotating metallic gobos
- Adjustable-speed rotating gobo
- Gobo diameter: 34.3 mm
- Image diameter: 25.0 mm

BARNDOORS
- 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
- 0% to 100% variable linear frost

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
- 3 DMX modes (30 to 52 DMX channels)

POWER SUPPLY
- 120 to 240 Volts – 50/60 Hz
- Power: 1,150 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
- 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: 2.0 m (6.56 ft)

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

SIZE
- Product: 494 x 737 x 280 mm (l x h x d)
- Foam: 655 x 590 x 555 mm (l x h x d)

WEIGHT
- Product: 37.8 kg

PRODUCT CODE
- 010640: BORA S

Lumens
31,000

Kelvin
6200

CRI
> 90

Zoom
8° - 64°

BORA TC
Classical 6 Series

010650

AYRTON has developed BORA TC, its new feature-packed 750 W wash luminaire, using a radical approach. Its specific function is to establish the perfect atmosphere for your creative design. Fitted with a frontal 178 mm spherical lens, the proprietary optical system using 13 high-quality lenses was developed specifically for "wash" applications. It features an 8:1 zoom ratio for a wide zoom range from 8° to 64°. The optics produces an extremely uniform flat beam with no hot spot, ensuring a perfectly homogeneous colour mix regardless of the colour combination selected. Devised specifically for applications that require perfect colour reproduction, BORA TC is equipped with an entirely new LED module using a monochromatic light source calibrated at 7000 K with a native colour rendering index greater than 90, and extremely high TM30 readings. Wonderfully sleek and compact, BORA TC is example of meticulous workmanship.

Feature-rich from the factory, BORA TC includes a CMY colour mixing system, which, combined with a variable CTO and two wheels with six complementary colours each, produces an infinite palette of vivid pastels and saturated colours. The framing section 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. BORA TC is also factory-equipped with a wheel holding six rotating gobos specially designed for wash-type applications, a variable linear frost and a 15-blade iris diaphragm. Like all AYRTON luminaires, BORA TC has a phase-change liquid cooling system using a heat pipe that includes a particularly effective silent ventilation mode. BORA TC is ideal for applications that call for impeccable colour reproduction, such as fashion shows or car shows.

OPTICS
- 13-element 8:1 zoom
- Beam aperture: 8° to 64°
- 178 mm frontal lens

LIGHT SOURCE
- 48,000 lumens 7000 K light engine
- Luminaire output: up to 31,000 lumens
- Colour temperature output: 6200 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 with automatic repositioning
- Range: 540° (pan), 270° (tilt)

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

GOBOS
- 6 indexable rotating metallic gobos
- Adjustable-speed rotating gobo
- Gobo diameter: 34.3 mm
- Image diameter: 25.0 mm

BARNDOORS
- 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
- 0% to 100% variable linear frost

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
- 3 DMX modes (30 to 52 DMX channels)

POWER SUPPLY
- 120 to 240 Volts – 50/60 Hz
- Power: 1,150 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
- 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: 2.0 m (6.56 ft)

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

SIZE
- Product: 494 x 737 x 280 mm (l x h x d)
- Foam: 655 x 590 x 555 mm (l x h x d)

WEIGHT
- Product: 37.8 kg

PRODUCT CODE
- 010650: BORA TC

PERSEO BEAM · Classical IP65 6 Series

012470

PERSEO BEAM is the first compact, waterproof multi-function beam effect LED luminaire. Well-suited for use indoors as well as outdoors, the fixture is equipped with an ultra-intensive 2° beam and 21x zoom ratio, making it an extraordinary tool that will help you achieve some incredibly exciting effects. PERSEO BEAM is endowed with unprecedented graphic capability, offering a wide choice of 48 fixed and rotating gobos distributed on two wheels, including 28 glass gobos for the projection of high-definition images and 20 metal gobos specifically created to sculpt light in "beam" mode. These gobos can be blended with four individually combinable rotating prisms that allow you to produce a multitude of volumetric lighting effects. An RGB/CMY multi-layer gobo lets you generate dynamic multicolour effects. An effect-wheel with continuous rotation in both directions and two frost filters complete the PERSEO BEAM tool palette. Continuous rotation of the pan movement multiplies the possibilities for creating complex effects.

PERSEO BEAM is equipped with a highly innovative colour section including a CMY colour mixing system, a progressive linear CTO, an instant-access multi-position colour wheel supplied with four colour-temperature correction filters, and 13 complementary-colour filters on two concentric circles (patent pending). Fitted with a 168 mm frontal lens, the proprietary optical system uses 13 lenses, producing a zoom range of 2° to 42°. A brand new ultra-compact 450 W monochromatic LED emitter specially developed for long-distance applications can obtain a luminous flux of 18,000 lumens at a colour temperature of 6800 K operating at a steady state. PERSEO BEAM borrows from the same minimalist design as PERSEO PROFILE, incorporating all the waterproof features while being easily accessible and lightweight. The luminaire was designed and developed to operate in the most extreme conditions and resist hot or cold temperatures, rain, sand, dust. This new creation by AYRTON allows you full expression without constraints or limits in a style that is your own.

OPTICS
- 13-element 21:1 zoom
- Beam aperture: 2° to 42°
- 168 mm frontal lens

LIGHT SOURCE
- 25,000 lumens 9000 K light engine
- Luminaire output: up to 18,000 lumens
- Colour temperature output: 6800 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 with automatic repositioning
- Range: infinite rotation (pan), 270° (tilt)

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

GOBOS
- 9 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- 19 fixed HD glass gobos
- 20 fixed metal gobos
- Rotating gobo diameter: 18.0 mm
- Rotating gobo Image diameter: 12.0 mm

FROST
- 2 frost filters: one light, one heavy

PRISMS
- 4 combinable 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 connector

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 3 DMX modes (29 to 42 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60 Hz
- 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 in aluminium and steel plates
- 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 (14 °F)
- Minimum usage distance: 3.0 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

SIZE
- Product: 490 x 710 x 330 mm (l x h x d)
- Foam: 655 x 590 x 555 mm (l x h x d)

WEIGHT
- Product: 41.5 kg

PRODUCT CODE
- 012470: PERSEO BEAM

PERSEO PROFILE S Classical IP65 6 Series

012440

PERSEO PROFILE S is the first compact multi-function luminaire with an IP65 enclosure rating developed by AYRTON for intensive outdoor use. Equipped with a new 500 W ultra-compact monochromatic LED source calibrated at 8000 K, it can deliver metallic white light with an output of 30,000 lumens. AYRTON has specifically developed the optics in PERSEO PROFILE S to achieve an optimal resolution-to-performance-to-efficiency ratio. They allow perfect image reproduction and significant improvement from distortion caused by the shutter blades with wide zoom. The optics produce a highly uniform flat beam with no hot spot, achieving a perfect colour mix regardless of the colour combination selected. Fitted with a 148 mm frontal lens, this proprietary system has 13 lenses, delivering an 8:1 zoom ratio and a zoom range of 7° to 58°. AYRTON has endowed this next generation luminaire with a new minimalist design in lighter weight die-cast aluminium, incorporating full weather-proofing features that ensure easy accessibility. For greater efficiency, PERSO PROFILE S is provided with a highly effective phase-change liquid cooling system fitted with four submersible fans located outside the watertight enclosure.

The ultimate in versatility, designed for multiple outdoor and indoor applications, PERSEO PROFILE S boasts feature-rich standard equipment including a subtractive CMY colour mixing system combined with a variable CTO and a wheel with six complementary colours that produces an infinite palette of vivid pastels and saturated colours. The framing section 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. The image section includes 18 interchangeable HD glass gobos on two wheels: one rotating wheel with seven positions and one fixed wheel with eleven positions. The effects section includes a continuous dynamic effects wheel; a 15-blade iris diaphragm; two frost filters, one soft edge, one hard edge; and two rotating prisms, one circular with 5 facets and one linear with 4 facets. PERSEO PROFILE S presents a sleeker, updated, industrial design, with perfectly straightened yoke arms, a minimalist base and a new water-resistant menu navigation system. PERSEO PROFILE S can be controlled by DMX-RDM, ArtNet™ or a wireless link using CRMX TiMo RDM from LumenRadio™.

OPTICS
- 13-element 8:1 zoom
- Beam aperture: 7° to 58°
- 148 mm frontal lens

LIGHT SOURCE
- 40,000 lumens 8200 K light engine
- Luminaire output: up to 30,000 lumens
- Colour temperature output: 6900 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 with automatic repositioning
- Range: 540° (pan), 270° (tilt)

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

GOBOS
- 7 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- 11 fixed HD glass gobos
- Fixed gobo diameter: 25.5 mm
- Rotating gobo diameter: 27.0 mm
- Image diameter: 22.0 mm
- Gobo thickness: 1.1 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
- 2 frost filters: one light, one heavy

PRISMS
- 2 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 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
- 4 DMX modes (38 to 61 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60 Hz
- 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 in aluminium and steel plates
- 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 (14 °F)
- Minimum usage distance: 2.0 m (6.56 ft)

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

SIZE
- Product: 490 x 710 x 330 mm (l x h x d)
- Foam: 655 x 590 x 555 mm (l x h x d)

WEIGHT
- Product: 38.8 kg

PRODUCT CODE
- 012440: PERSEO PROFILE S

PERSEO PROFILE TC   Classical IP65 6 Series

012450

PERSEO PROFILE TC is the first compact multi-function luminaire with an IP65 enclosure rating developed by AYRTON for intensive outdoor use. Equipped with a new 500 W ultra-compact monochromatic LED source calibrated at 7000 K, PERSEO 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. AYRTON has specifically developed the optics in PERSEO PROFILE TC to achieve an optimal resolution-to-performance-to-efficiency ratio. They allow perfect image reproduction and significant improvement from distortion caused by the shutter blades with wide zoom. The optics produce a highly uniform flat beam with no hot spot, achieving a perfect colour mix regardless of the colour combination selected. Fitted with a 148 mm frontal lens, this proprietary system has 13 lenses, delivering an 8:1 zoom ratio and a zoom range of 7° to 58°. AYRTON has endowed this next generation luminaire with a new minimalist design in lighter weight die-cast aluminium, incorporating full weather-proofing features that ensure easy accessibility. For greater efficiency, PERSEO PROFILE TC is provided with a highly effective phase-change liquid cooling system fitted with four submersible fans located outside the watertight enclosure.

The ultimate in versatility, designed for multiple outdoor and indoor applications, PERSEO PROFILE TC boasts feature-rich standard equipment including a subtractive CMY colour mixing system combined with a variable CTO and a wheel with six complementary colours that produces an infinite palette of vivid pastels and saturated colours. The framing section 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. The image section includes 18 interchangeable HD glass gobos on two wheels: one rotating wheel with seven positions and one fixed wheel with eleven positions. The effects section includes a continuous dynamic effects wheel; a 15-blade iris diaphragm; two frost filters, one soft edge, one hard edge; and two rotating prisms, one circular with 5 facets and one linear with 4 facets. PERSEO PROFILE TC presents a sleeker, updated, industrial design, with perfectly straightened yoke arms, a minimalist base and a new water-resistant menu navigation system. PERSEO PROFILE TC can be controlled by DMX-RDM, ArtNet™ or a wireless link using CRMX TiMo RDM from LumenRadio™.

OPTICS
- 13-element 8:1 zoom
- Beam aperture: 7° to 58°
- 148 mm frontal lens

LIGHT SOURCE
- 34,000 lumens 7000 K light engine
- Luminaire output: up to 26,000 lumens
- 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 with automatic repositioning
- Range: 540° (pan), 270° (tilt)

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

GOBOS
- 7 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- 11 fixed HD glass gobos
- Fixed gobo diameter: 25.5 mm
- Rotating gobo diameter: 27.0 mm
- Image diameter: 22.0 mm
- Gobo thickness: 1.1 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
- 2 frost filters: one light, one heavy

PRISMS
- 2 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 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
- 4 DMX modes (38 to 61 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60 Hz
- 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 in aluminium and steel plates
- 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 (14 °F)
- Minimum usage distance: 2.0 m (6.56 ft)

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

SIZE
- Product: 490 x 710 x 330 mm (l x h x d)
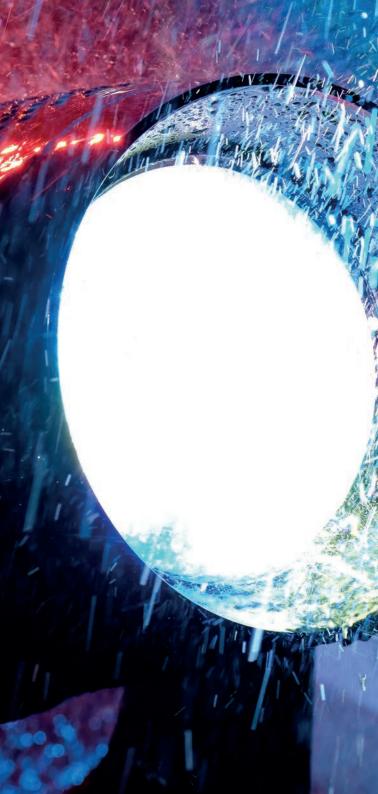- Foam: 655 x 590 x 555 mm (l x h x d)

WEIGHT
- Product: 38.8 kg

PRODUCT CODE
- 012450: PERSEO PROFILE TC

HURACÁN LT
011870

Classical 9 Series

HURACÁN LT is the first LED beam-wash luminaire in the brand new line of "LT" (Long Throw) products dedicated to long-range applications. To achieve an ultra-intense beam from a LED source, AYRTON has added 225 mm-diameter, extra-large frontal optics weighing 7 kg. The proprietary optical system has 13 lenses, delivering a 15:1 zoom ratio and a zoom range of 3.5° to 53°. Fitted with a next-generation, oversized liquid phase-change cooling system and a new high-efficiency 1000 W LED module, HURACÁN LT delivers record light output of 51,000 lumens at a colour temperature of 6700 K when operating at a steady state. Provided with multiple optical tools designed for shaping light, HURACÁN LT is factory-equipped with a removable high-transmission diffusion filter to erase the edge of the beam without changing its angle; a progressive linear frost system for precision adjustment of the desired diffusion level; a special filter for creating artificial wash effects; a de-focusable rotating beam-shaping optic; and two image-multiplying rotating prisms – one linear with four facets, and the other circular with five facets.

HURACÁN LT has adopted the same revolutionary complex colour mixing system as HURACÁN LT offering a double CMY saturation level that can obtain over a trillion colours (patent pending) and a triple corrector for variable colour temperature that allows subtle adjustment from 2700 K to 15000 K and significant CRI improvement. HURACÁN LT features an advanced framing section, which enables 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. The effects section includes two superimposed rotating gobo wheels each with seven HD glass gobos; a 15-blade iris diaphragm; a monochromatic multi-position effects wheel for horizontal, vertical or axial scrolling for creating flame, water or radiant effects (patent pending) and a RGB and CMY effects wheel for unique multicolour effects. HURACÁN LT, which combines exceptional light power and an ultra-intense beam with standard equipment in a class by itself, is a formidable tool for large venues, such as arenas and stadiums dedicated to major events.

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

LIGHT SOURCE
- 75,000 lumens 8200 K light engine
- Luminaire output: up to 51,000 lumens
- 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 with automatic repositioning
- Range: 540° (pan), 270° (tilt)

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

GOBOS
- 14 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- Gobo diameter: 30.0 mm
- Image diameter: 25.0 mm
- Gobo thickness: 1.1 mm

FRAMING SYSTEM
- 4 individual shutter blades
- Positionable on 100% of the 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
- 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 (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
- 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: 3.0 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

SIZE
- Product: 494 x 867 x 280 mm (l x h x d)
- Foam: 745 x 550 x 660 mm (l x h x d)

WEIGHT
- Product: 53.8 kg

PRODUCT CODE
- 011870: HURACÁN LT

HURACÁN PROFILE S Classical 9 Series

011860

HURACÁN PROFILE S is a marvel of technology that brings exceptional light output to a standard-equipment luminaire in a class by itself – a formidable graphical tool for enhancing creativity. Fitted with a next-generation oversized cooling system and a high-efficiency 1000 W LED module, HURACÁN PROFILE S produces record output of 51,000 lumens at a colour temperature of 7000 K when operating at a steady state. For this exceptional luminaire, AYRTON has developed an entirely new complex colour mixing system with a double CMY saturation level capable of generating 281 trillion colours (patent pending). A triple variable colour temperature corrector allows subtle adjustment from 2700 K to 15000 K and offers noticeable CRI improvement. Designed to project complex graphical effects, HURACÁN PROFILE S boasts specifically developed optics that deliver an extremely uniform flat beam with no hot spot and reproduce high-definition images. The proprietary optical system, equipped with a 178 mm frontal lens, uses 13 lenses, producing an 10:1 zoom ratio and a zoom range of 6° to 60°.

HURACÁN PROFILE S offers an advanced framing section, which 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. HURACÁN PROFILE S is provided with an amazingly complete graphical system with one 7-position wheel for interchangeable effects cassettes or gobos. The wheel is fitted with 5 rotating gobos and 2 effects cassettes that can create dynamic effects by superimposing two complementary inverted images in counter rotation (patent pending). A second interchangeable gobo wheel is equipped with 7 rotating gobos. A monochromatic multi-position effects wheel allows horizontal, vertical or axial scrolling for creating flame, water or radiant effects (patent pending). A multi-layer CMY wheel can generate multicolour effects. The gobos, cassettes and effects wheel are made of high-definition tempered glass. Additionally, standard features in HURACÁN PROFILE S include a 15-blade iris diaphragm, a light and a heavy frost filter, 2 rotating prisms, a 5-facet circular and a 4-facet linear prism. HURACÁN PROFILE S is the ultimate graphical tool for applications requiring power and refinement.

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

LIGHT SOURCE
- 75,000 lumens 8000 K light engine
- Luminaire output: up to 51,000 lumens
- 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 with automatic repositioning
- Range: 540° (pan), 270° (tilt)

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

GOBOS
- 2 indexable rotating double layer cassettes
- 12 indexable rotating HD glass gobos
- Adjustable-speed rotating cassette & gobo
- Gobo diameter: 30.0 mm
- Image diameter: 25.0 mm
- Gobo thickness: 1.1 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
- 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
- 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 (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
- 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: 2.0 m (6.56 ft)

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

SIZE
- Product: 486 x 811 x 294 mm (l x h x d)
- Foam: 715 x 555 x 630 mm (l x h x d)

WEIGHT
- Product: 46 kg

PRODUCT CODE
- 011860: HURACÁN PROFILE S

HURACÁN PROFILE TC   Classical 9 Series

011865

HURACÁN PROFILE TC is a marvel of technology that brings exceptional light output to a standard-equipment luminaire in a class by itself – a formidable graphical tool for enhancing creativity. Devised specifically for applications that require perfect colour reproduction, HURACÁN PROFILE TC is equipped with an entirely new LED module using a light source calibrated at 6800 K with a native colour rendering index greater than 95, and extremely high TM30 readings. For this exceptional luminaire, AYRTON has developed an entirely new complex colour mixing system with a double CMY saturation level capable of generating 281 trillion colours (patent pending). A triple variable colour temperature corrector allows subtle adjustment from 2700 K to 9000 K and offers noticeable CRI improvement. Designed to project complex graphical effects, HURACÁN PROFILE TC boasts specifically developed optics that deliver an extremely uniform flat beam with no hot spot and reproduce high-definition images. The proprietary optical system, equipped with a 178 mm frontal lens, uses 13 lenses, producing an 10:1 zoom ratio and a zoom range of 6° to 60°.

HURACÁN PROFILE TC offers an advanced framing section, which 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. HURACÁN PROFILE TC is provided with an amazingly complete graphical system with one 7-position wheel for interchangeable effects cassettes or gobos. The wheel is fitted with 5 rotating gobos and 2 effects cassettes that can create dynamic effects by superimposing two complementary inverted images in counter rotation (patent pending). A second interchangeable gobo wheel is equipped with 7 rotating gobos. A monochromatic multi-position effects wheel allows horizontal, vertical or axial scrolling for creating flame, water or radiant effects (patent pending). A multi-layer CMY wheel can generate multicolour effects. The gobos, cassettes and effects wheel are made of high-definition tempered glass. Additionally, standard features in HURACÁN PROFILE TC include a 15-blade iris diaphragm, a light and a heavy frost filter, 2 rotating prisms, a 5-facet circular and a 4-facet linear prism. Fitted with a next-generation oversized cooling system HURACÁN PROFILE TC is the ultimate graphical tool for applications requiring power and refinement.

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

LIGHT SOURCE
- 53,000 lumens 6800 K light engine
- Luminaire output: up to 33,900 lumens
- Colour temperature output: 6400 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 with automatic repositioning
- Range: 540° (pan), 270° (tilt)

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

GOBOS
- 2 indexable rotating double layer cassettes
- 12 indexable rotating HD glass gobos
- Adjustable-speed rotating cassette & gobo
- Gobo diameter: 30.0 mm
- Image diameter: 25.0 mm
- Gobo thickness: 1.1 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
- 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
- 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 (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
- 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: 2.0 m (6.56 ft)

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

SIZE
- Product: 486 x 811 x 294 mm (l x h x d)
- Foam: 715 x 555 x 630 mm (l x h x d)

WEIGHT
- Product: 46 kg

PRODUCT CODE
- 011865: HURACÁN PROFILE TC

DOMINO LT   Classical IP65 9 Series
012670

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 frontal 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 lumens 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 K 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 frontal lens

LIGHT SOURCE
- 75,000 lumen 8200 K light engine
- Luminaire output: up to 51,000 lumens
- 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), 270° (tilt)

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

GOBOS
- 14 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- Gobo diameter: 30.0 mm
- Image diameter: 25.0 mm
- Gobo thickness: 1.1 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: 3.0 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

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

DOMINO PROFILE S   Classical IP65 9 Series

012640

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 1000 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 lumens 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 frontal 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 frontal lens

LIGHT SOURCE
- 75,000 lumen 8000 K light engine
- Luminaire output: up to 51,000 lumens
- 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), 270° (tilt)

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

GOBOS
- 14 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- Gobo diameter: 30.0 mm
- Image diameter: 25.0 mm
- Gobo thickness: 1.1 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 (42 to 66 DMX channels)

POWER SUPPLY
- 120 to 240 Volts – 50/60 Hz
- Power: 1,700 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 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: 3.0 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

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

DOMINO PROFILE TC   Classical IP65 9 Series

012650

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 1000 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 frontal 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 frontal lens

LIGHT SOURCE
- 56,000 lumens 7000 K light engine
- Luminaire output: up to 36,400 lumens
- 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), 270° (tilt)

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

GOBOS
- 14 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- Gobo diameter: 30.0 mm
- Image diameter: 25.0 mm
- Gobo thickness: 1.1 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 (42 to 66 DMX channels)

POWER SUPPLY
- 120 to 240 Volts – 50/60 Hz
- Power: 1,700 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 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: 3.0 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

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
- 012650: DOMINO PROFILE TC

Lumens	25,000
Kelvin	all
CRI	< 86
Zoom	4° - 56°

ZONDA 9 WASH

Multi Sources 9 Series

013740

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 lumens 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: 4.0° to 56°
- 37 x 50 mm truncated frontal lens
- 384 mm front lens cluster

LIGHT SOURCE
- 37 x 1,000 lumens RGBW LED source
- Luminaire output: up to 25,000 lumens
- 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 with automatic repositioning
- Range: 540° (pan), 270° (tilt)

COLOURS
- Sophisticated 4 colours RGBW 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
- 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 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: 3.0 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

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
- 013740: ZONDA 9 WASH

ZONDA 9 FX

Multi Sources 9 Series

013750

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 lumens 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: 4.0° to 56°
- 37 x 50 mm truncated frontal lens
- 384 mm front lens cluster

LIGHT SOURCE
- 37 x 1,000 lumens RGBW LED source
- Luminaire output: up to 25,000 lumens
- 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 with automatic repositioning
- Range: infinite pan & tilt rotation

COLOURS
- Sophisticated 4 colours RGBW 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: 3.0 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

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

WILDSUN K25 TC   Multi Sources 12+ Series

013830

The new WILDSUN K25 TC is an evolution of the WILDSUN K25, specially geared to shooting and broadcasting in high-definition. 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. This is the only LED luminaire capable of measuring up to the classic Fresnel HMI 4,000 W and 6,000 W lights in terms of pure output. The new WILDSUN K25 TC is particularly suitable for meeting the stringent lighting demands of sporting events, fashion shows, car shows or any prestigious events requiring high-quality light and perfectly rendered colour. Fitted with 217 LED emitters, the luminaire delivers more than 63,000 lumens of overall output with 40% less energy consumption.

WILDSUN K25 TC is a powerhouse of technology and innovation. With the same basic specifications as the WILDSUN K25, it is equipped with powerful tri-phase stepper motors that allow fast, accurate and silent positioning. Its optical zoom has a 5:1 ratio with a zoom range of 12° to 60°. Luminous intensity can be fine-tuned using the 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, for stage lighting, create dynamic effects.

OPTICS
- 5:1 zoom ratio
- Beam aperture: 12° to 60°
- 408 mm front lenses cluster

LIGHT SOURCE
- 217 x 600 lumens 5700 K LED source
- Luminaire output: up to 63,000 lumens
- 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 with automatic repositioning
- Range: 540° (pan), 245° (tilt)

COLOURS
- Monochromatic daylight source
- Perfectly calibrated at 5700 K

EFFECTS
- Graphical effects capabilities
- Eight LED concentric circles
- 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
- 6 menu buttons to set the 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
- 5 DMX modes (11 to 22 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60 Hz
- Power: 1,600 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
- 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: 3.0 m (9.84 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU

SIZE
- Product: 547 x 702 x 348 mm (l x h x d)
- Foam: 627 x 725 x 414 mm (l x h x d)

WEIGHT
- Product: 36.5 kg

PRODUCT CODE
- 013830: WILDSUN K25 TC

Lumens	60,000
Kelvin	6500
CRI	< 86
Zoom	10° - 60°

WILDSUN S25   Multi Sources 12+ Series

013840

WILDSUN S25 is the full colour variation on the powerful WILDSUN K25 luminaire. Equipped with 217 ultra-powerful RGBW mono-chip LED emitters, this technologically innovative marvel is the most powerful moving-head LED wash fixture on the market today. With overall light output of 60,000 lumens, it rivals the 2,500 and 4,000 W HMI luminaires fitted with colour filters, but with far greater flexibility of use and lower maintenance. Its four-colour mixing is based on an ingenious arrangement of emitters combined with a holographic filter, which creates an infinite palette of pastels and saturated colours. LED emitters are distributed over six 60° segments. Colours in each 36-diode segment can be controlled individually.

The proprietary, silicone-based, high-output 6:1 optical zoom ensures perfect colour stability over time, with a zoom range of 10° to 60°. The transmitting lens is equipped with an integrated honeycomb "egg crate" louver to prevent unwanted off-axis glare. Powerful tri-phase stepper motors drive the pan and tilt axes to allow fast, accurate and silent positioning. WILDSUN S25 is equipped with serial connectivity and can be controlled using DMX-RDM, ArtNet™, sACN or wireless CRMX TiMo RDM from LumenRadio™.

OPTICS
- 6:1 zoom ratio
- Beam aperture: 10° to 60°
- 408 mm front lenses cluster

LIGHT SOURCE
- 217 x 600 lumens RGBW LED source
- Luminaire output: up to 60,000 lumens
- 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 with automatic repositioning
- Range: 540° (pan), 245° (tilt)

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

EFFECTS
- Graphical effects capabilities
- Built-in pattern effects
- 6 segments 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
- 6 menu buttons to set the functions
- Integrated LumenRadio™ receiver
- XLR 5 pin connectors
- etherCON RJ45 connectors
- powerCON 32A connector

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 3 DMX modes (14 to 64 DMX channels)

POWER SUPPLY
- 207 to 240 Volts — 50/60 Hz
- Power: 2,750 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
- 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: 3.0 m (9.84 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU

SIZE
- Product: 547 x 702 x 348 mm (l x h x d)
- Foam: 627 x 725 x 414 mm (l x h x d)

WEIGHT
- Product: 38 kg

PRODUCT CODE
- 013840: WILDSUN S25

Lumens
7,650

Kelvin
-

CRI
<86

Beam
2˚

INTELLIPIX XT

Creative solutions

024750

INTELLIPIX XT is a refined and evolved version of AYRTON's original INTELLIPIX R. In the same creative spirit, this versatile luminaire is fitted with nine ultra-powerful, low-etendue, multichip LED emitters, which can be controlled individually and are coupled with AYRTON's new proprietary 126 mm-diameter optics. This configuration pushes the limits even further with a 2° full beam and a centre-beam luminous intensity of 580 candelas per lumen – six times greater efficiency than its predecessor. INTELLIPIX XT has a next-generation power supply unit that ensures efficiency over 95%. This technology enables the highly compact luminaire to run continuously at full power without any loss of performance.

In light of the diameter of the optics, AYRTON's challenge was to create a minimalist physical design to reduce the visual footprint, essentially making the luminaire semi-transparent. With a highly precise coupling accessory, multiple INTELLIPIX XT luminaires can be perfectly positioned in order to create large-dimension 3D volumetric lighting effects. A highly adjustable yoke system enables the luminaire to be used individually to generate complex assembled shapes.

OPTICS
- Beam aperture: 2°
- 85% optic efficiency
- 9 x 126 mm PMMA collimator optic

LIGHT SOURCE
- 9 x 1,000 lumens RGBW LED source
- Luminaire output: up to 7,650 lumens
- Luminous intensity: 5,220,000 cd
- CRI: up to 86
- Rated life (L70): up to 40,000 hours
- Flicker-free source

COLOURS
- Sophisticated 4 colours RGBW 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

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

HARDWARE FEATURES
- Graphic LCD display with flip function
- 6 menu buttons to set the functions
- XLR 5 pin connectors
- powerCON TRUE1 connectors

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- 3 DMX modes (6 to 45 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60 Hz
- Power: 420 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
- Moulded covers in ABS PC (V0 class)
- Single yoke in aluminium
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- 8 fixing points for multiple products assembly
- 2 rotating handles to adjust yoke
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45 °C (113 °F)
- Minimum temperature: -10 °C (14 °F)
- Minimum usage distance: 5.0 m (16.40 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU

SIZE
- Product: 473 x 473 x 247 mm (l x h x d)
- Foam: 557 x 515 x 330 mm (l x h x d)

WEIGHT
- Product: 15.5 kg

PRODUCT CODE
- 024750: INTELLIPIX XT

Lumens
1,600

Kelvin
-

CRI
< 86

Beam
4.5°

MAGICDOT R
015150

Creative solutions

A new member of the RADICAL product line, MAGICDOT R is the first professional moving head LED luminaire with a single optical collimator. The new high-efficiency optical system measuring 94 mm in diameter and weighing over 200 grammes required more than two years of development and perfection. The result is an intense beam of less than 5° using a multi-chip RGBW LED with a light-emitting surface of 8 mm^2. With its minimalist cylindrical design, the innovative MAGICDOT R, capable of continuous double rotation on the pan & tilt axes, allows the user to create groups of luminaires and control each light emitter individually in all directions. Leaving a minimum amount of space between multiple luminaires will make it possible to create configurations never before dreamt of.

Highly compact, light, ultra-fast and powerful, the MAGICDOT R is equipped with a new 60 W RGBW multi-chip LED emitter paired with a 94 mm high-efficiency collimator. The fixture offers an overall luminous flux of 1,600 lumens and a luminous intensity of 180,000 candela for an overall consumption of only 130 W. This new high-power LED source has required implementing a special phase-change liquid cooling system using a heat pipe. MAGICDOT R is the ideal tool for creating moveable virtual sets and complex light compositions with multiple beams.

OPTICS
- Beam aperture: 4.5°
- 85% optic efficiency
- 94 mm PMMA collimator optic

LIGHT SOURCE
- 2,000 lumens RGBW LED source
- Luminaire output: up to 1,600 lumens
- Luminous intensity: 180,000 cd
- 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 with automatic repositioning
- Range: infinite pan & tilt rotation

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

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

HARDWARE FEATURES
- Graphic LCD display with flip function
- 6 menu buttons to set the functions
- XLR 5 pin connectors
- powerCON TRUE1 connectors

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- 2 DMX modes (15 to 17 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60 Hz
- Power: 130 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
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP20 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: -10 °C (14 °F)
- Minimum usage distance: 1.0 m (3.28 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU

SIZE
- Product: 210 x 318 x 210 mm (l x h x d)
- Foam: 251 x 330 x 251 mm (l x h x d)

WEIGHT
- Product: 5.3 kg

PRODUCT CODE
- 015150: MAGICDOT R

MAGICDOT SX   Creative solutions
015160

MAGICDOT SX is an optically evolved, multipurpose, variant of MAGICDOT R, with the same form factor, dimensions and features, including ultra-rapid beam movement and continuous, unlimited, rotation on pan and tilt. The compact footprint allows multiple MAGICDOT SX luminaires to be installed with a minimum amount of space between them (patent pending). This new luminaire replaces the 4.5° fixed-focus optics with a revolutionary new 8:1 optical zoom that has a fixed transmitting lens, no visible moving parts and a incredible zoom range of 5° to 40° (patent pending). The short stroke of the zoom system permits MAGICDOT SX to switch from intense beam mode to sweeping Wash mode virtually instantaneously.

MAGICDOT SX delivers up to 75% optical efficiency in a tight beam, when the 94 mm diameter collimator is positioned close to the transmitting lens. This ensures great compatibility and graphical interactivity with MAGICDOT R units. In addition to DMX-RDM control, MAGICDOT SX can be controlled via wireless CRMX TiMo RDM from LumenRadio™. MAGICDOT SX is a versatile tool that meets a vast array of needs both in stage and architectural applications.

OPTICS
- 2-element 8:1 zoom
- Beam aperture: 5° to 40°
- 75% optic efficiency
- 94 mm PMMA collimator optic

LIGHT SOURCE
- 2,000 lumens RGBW LED source
- Luminaire output: up to 1,500 lumens
- Luminous intensity: 136,000 cd
- 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 with automatic repositioning
- Range: infinite pan & tilt rotation

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

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

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

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- 2 DMX modes (16 to 19 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60 Hz
- Power: 130 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
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP20 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: -10 °C (14 °F)
- Minimum usage distance: 1.0 m (3.28 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU

SIZE
- Product: 210 x 318 x 210 mm (l x h x d)
- Foam: 251 x 330 x 251 mm (l x h x d)

WEIGHT
- Product: 5.7 kg

PRODUCT CODE
- 015160: MAGICDOT SX

MAGICDOT XT
Creative solutions

015170

MAGICDOT XT is a radical variant of the revolutionary MAGICDOT R. It is fitted with the AYRTON's new and proprietary 126 mm diameter optic – which distinguishes the "XT" product line. Weighing in at 550 grammes, this new high-efficiency lens is the world's largest collimator! Combined with an ultra-powerful, low-etendue, RGBW multichip LED emitter, MAGICDOT XT pushes the limits of technology even further with a 2° full beam and centre-beam luminous intensity of 580 candelas per lumen – six times greater efficiency than MAGICDOT R. With an active phase-change liquid cooling system that employs a heat pipe, this luminaire can be used continuously without significant loss of output.

The minimalist cylindrical design of the MAGICDOT XT is a scaled-up version of MAGICDOT R. The new luminaire sports all same features, including ultra-rapid movement and continuous, unlimited, rotation on pan and tilt. The compact footprint permits multiple MAGICDOT XT luminaires to be installed with a minimum amount of space between them. In addition to standard DMX-RDM connectors, MAGICDOT XT can be controlled via wireless CRMX TiMo RDM from LumenRadio™.

OPTICS
- Beam aperture: 2°
- 85% optic efficiency
- 126 mm PMMA collimator optic

LIGHT SOURCE
- 1,000 lumens RGBW LED source
- Luminaire output: up to 850 lumens
- Luminous intensity: 580,000 cd
- 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 with automatic repositioning
- Range: infinite pan & tilt rotation

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

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

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

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- 2 DMX modes (15 to 17 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60 Hz
- Power: 100 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
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP20 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: -10 °C (14 °F)
- Minimum usage distance: 2.0 m (6.56 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU

SIZE
- Product: 235 x 360 x 235 mm (l x h x d)
- Foam: 290 x 355 x 290 mm (l x h x d)

WEIGHT
- Product: 6.2 kg

PRODUCT CODE
- 015170: MAGICDOT XT

Lumens
4,200

Kelvin
-

CRI
<86

Beam
3.6˚-53˚

MAGICBLADE FX
015350

Creative solutions

The versatile MAGICBLADE FX is an exciting new iteration of AYRTON's award-winning MAGICBLADE R, which has been sold by the thousands for use on major musical tours worldwide. This new MAGICBLADE is equipped with the revolutionary FX optical zoom system that has no visible moving parts and a fixed transmitting lens. With a 15:1 zoom ratio, the beam angle of this proprietary system ranges from 3.6º to 53º. It features seven squared 65 mm transmitting lenses, each with an equivalent optical surface to a round lens with an 80 mm diameter that is combined with a ultra-powerful, low-etendue, LED emitter, enabling MAGICBLADE FX to project intense beams to help create 3D volumetric effects.

The MAGICBLADE FX has seven next-generation RGBW high-output LEDs that can be individually controlled to create airborne virtual scenery or to illuminate sets and performers. The crisp, clean separation between LED sources permits designers to develop innovative graphic effects. An onboard library of pre-programmed effects and colour macros can be combined with console driven control in various display modes. MAGICBLADE FX has extended serial connectivity and can be controlled DMX-512 w/ RDM, ArtNet™, sACN or a wireless link with CRMX TiMo RDM from LumenRadio™.

OPTICS
- 2-element 15:1 zoom
- Beam aperture: 3.6° to 53°
- 7 x 65 mm squared frontal lens

LIGHT SOURCE
- 7 x 1,000 lumens RGBW LED source
- Luminaire output: up to 4,200 lumens
- Luminous intensity: 579,600 cd
- 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 with automatic repositioning
- Range: infinite pan & tilt rotation

COLOURS
- Sophisticated 4 colours RGBW 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

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

HARDWARE FEATURES
- Graphic LCD display with flip function
- 6 menu buttons to set the 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 (19 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 user modes
- Excess-temperature protection

HOUSING
- Skeleton in aluminium and steel plates
- 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

SIZE
- Product: 612 x 312 x 191 mm (l x h x d)
- Foam: 677 x 370 x 250 mm (l x h x d)

WEIGHT
- Product: 13 kg

PRODUCT CODE
- 015350: MAGICBLADE FX

Lumens
2,400

Kelvin
-

CRI
< 86

Beam
3.6˚ - 53˚

MINIPANEL FX   Creative solutions

015450

MINIPANEL FX is a versatile new multi-function and multi-use luminaire that combines the same main features and essential components as the MAGICPANEL FX, in an ultra compact format. Fitted with four squared 65 mm lenses, the proprietary optical zoom system ensures a 15:1 zoom ratio, with a wide range of 3.6° to 53°. The crisp separation between the beams that enhances contrast, combined with an optical system using no visible moving parts and a stationary transmitting lens, offers new possibilities for creating graphical effects. Effects capabilities can be coupled with beam, wash or matrix applications to produce superb results whether performing in front of the audience or camera.

Highly compact, light, ultra-fast and powerful, MINIPANEL FX is equipped with four new low-etendue 30 W RGBW multi-chip LED emitters paired with a high-efficiency optical system.The fixture offers an overall luminous flux of 2,400 lumens and a centre-beam luminous intensity of 331,200 candelas for an overall consumption of only 200 W. The continuous, unlimited, rotation on pan and tilt, first introduced on the legendary MAGICPANEL 602 in 2013, is standard. MINIPANEL FX is equipped with extended serial connectivity and can be controlled via DMX-RDM or a wireless link using CRMX TiMo RDM from LumenRadio™.

OPTICS
- 2-element 15:1 zoom
- Beam aperture: 3.6° to 53°
- 4 x 65 mm squared frontal lens

LIGHT SOURCE
- 4 x 1,000 lumens RGBW LED source
- Luminaire output: up to 2,400 lumens
- Luminous intensity: 331,200 cd
- 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 with automatic repositioning
- Range: infinite pan & tilt rotation

COLOURS
- Sophisticated 4 colours RGBW 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

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

HARDWARE FEATURES
- Graphic LCD display with flip function
- 6 menu buttons to set the 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 (19 to 34 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60 Hz
- Power: 220 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
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Omega ¼ turn brackets
- Two 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

SIZE
- Product: 285 x 397 x 220 mm (l x h x d)
- Foam: 340 x 425 x 275 mm (l x h x d)

WEIGHT
- Product: 8.9 kg

PRODUCT CODE
- 015450: MINIPANEL FX

Lumens
13,500

Kelvin
-

CRI
< 86

Beam
3.6˚ - 53˚

MAGICPANEL FX

Creative solutions

015670

MAGICPANEL FX is the exciting new multi-function, multi-use luminaire descended from the renowned MAGICPANEL R. With a revolutionary new optical zoom system that has no visible moving parts and a stationary transmitting lens, this proprietary system has a 15:1 zoom ratio with a range of 3.6° to 53°. The front face of MAGICPANEL FX is comprised of a 5 x 5 array of squared lenses with perfectly isolated emitters – which offer exciting new possibilities for creating 2D graphical effects. Each of the 25 squared 65 mm output lenses have an optical surface equivalent to that of an 80 mm round lens, combined with an ultra-powerful, low-etendue, LED emitter. MAGICPANEL FX produces an extremely powerful beam capable of creating extraordinarily new 3D volumetric effects.

With 900 W of total power, the versatile MAGICPANEL FX has 25 next-generation RGBW high-power LED emitters and an active phase-change liquid cooling system using a heat pipe for intensive use in "wash light" mode. The continuous, unlimited, rotation on pan and tilt, first introduced on the legendary MAGICPANEL 602 in 2013, is standard. MAGICPANEL FX has serial connectivity and can be controlled using DMX-RDM, ArtNet™, sACN or wireless CRMX TiMo RDM by LumenRadio™.

OPTICS
- 2-element 15:1 zoom
- Beam aperture: 3.6° to 53°
- 25 x 65 mm squared frontal lens

LIGHT SOURCE
- 25 x 1,000 lumens RGBW LED source
- Luminaire output: up to 13,500 lumens
- Luminous intensity: 2,070,000 cd
- 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 with automatic repositioning
- Range: infinite pan & tilt rotation

COLOURS
- Sophisticated 4 colours RGBW 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

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

HARDWARE FEATURES
- Graphic LCD display with flip function
- 6 menu buttons to set the 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 (19 to 118 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60 Hz
- Power: 1,000 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
- 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: 2.0 m (6.56 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU

SIZE
- Product: 486 x 641 x 307 mm (l x h x d)
- Foam: 569 x 672 x 367 mm (l x h x d)

WEIGHT
- Product: 33.7 kg

PRODUCT CODE
- 015670: MAGICPANEL FX

MINIBURST
Creative solutions

016650

MINIBURST is a versatile new graphic strobe luminaire with fast and powerful continuous, unlimited, rotation on pan and tilt, combining the main features of the MAGICBURST in an ultra compact format. Its unique minimalist design with no visible edges, a reduced visual footprint and lighter weight, make MINIBURST ideal for integration into a greater variety of applications. A 192 x 192 mm squared face supports 960 high-output LEDs grouped into 16 pixels on a 4 x 4 matrix. The duration, speed and intensity of each 60-LED pixel can be individually controlled to create breathtaking strobe effects. A library of fixed images and pre-programmed dynamic effects are accessible from fixture memory.

With a new, state-of-the-art, ultra-compact 350 W power supply specially designed to surpass the constraints of strobe lighting, MINIBURST can deliver peak light output of over 60,000 lumens for several seconds. MINIBURST is equipped with new generation tri-phase stepper motors that allow quick and precise movement essential for today's applications. Highly compact, these new motors integrate perfectly into the minimalist design of the luminaire. MINIBURST is equipped with extended serial connectivity and can be controlled via DMX-RDM or a wireless link using CRMX TiMo RDM from LumenRadio™. MINIBURST is a highly versatile strobe luminaire optimal for a vast array of stage applications.

LIGHT SOURCE
- 960 mono-chip white LED source
- Pixel resolution: 4 x 4
- Pixel population: 16 of 60 LED
- Luminaire output: up to 60,000 lumens
- CRI: greater than 85
- 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 with automatic repositioning
- Range: infinite pan & tilt rotation

COLOURS
- Monochromatic daylight source
- Perfectly calibrated at 5600 K

EFFECTS
- Graphical effects capabilities
- Built-in pattern effects

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second
- Individual control of the speed & duration

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

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- 4 DMX modes (12 to 59 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60 Hz
- Power: 350 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
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Omega ¼ turn brackets
- Two 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: 1.0 m (3.28 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU

SIZE
- Product: 285 x 399 x 220 mm (l x h x d)
- Foam: 340 x 425 x 275 mm (l x h x d)

WEIGHT
- Product: 8.5 kg

PRODUCT CODE
- 016650: MINIBURST

MAGICBURST

Creative solutions

016850

MAGICBURST is the first high-power graphic LED strobe with continuous, unlimited, rotation on pan and tilt. A 384 x 384 mm squared face supports 3,840 high-output LEDs grouped into 64 pixels on an 8 x 8 matrix. The strobe duration, speed and intensity of each 60-LED pixel can be individually controlled to create breathtaking stroboscopic effects. A library of fixed images and pre-programmed dynamic effects are accessible from fixture memory. With a new, state-of-the-art, ultra-compact 1,300 W power supply, MAGICBURST can deliver peak light output of over 240,000 lumens for several seconds.

With a minimalist design and reduced visual footprint, MAGICBURST is similar to the form factor of the DREAMPANEL product family, which allows you to create giant graphic arrays with no visible structure. The standardized size of the LED matrix permits hybrid screens to be assembled, to allow you to use different units from the AYRTON product family in combination. MAGICBURST has extended serial connectivity and can be controlled via DMX-RDM, ArtNet™, sACN or a wireless link using CRMX TiMo RDM from LumenRadio™.

LIGHT SOURCE
- 3,840 mono-chip white LED source
- Pixel resolution: 8 x 8
- Pixel population: 64 of 60 LED
- Luminaire output: up to 240,000 lumens
- CRI: greater than 85
- 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 with automatic repositioning
- Range: infinite pan & tilt rotation

COLOURS
- Monochromatic daylight source
- Perfectly calibrated at 5600 K

EFFECTS
- Graphical effects capabilities
- Built-in pattern effects

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second
- Individual control of the speed & duration

HARDWARE FEATURES
- Graphic LCD display with flip function
- 6 menu buttons to set the 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
- 6 DMX modes (12 to 203 DMX channels)

POWER SUPPLY
- 100 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
- 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: 1.0 m (3.28 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU

SIZE
- Product: 473 x 630 x 307 mm (l x h x d)
- Foam: 550 x 662 x 367 mm (l x h x d)

WEIGHT
- Product: 18.9 kg

PRODUCT CODE
- 016850: MAGICBURST

#001 - 2002
EYECOLOR

#002 - 2003
EASYCOLOR

#003 - 2004
EASYCOLOR²

#004 - 2004
MODULED 318

#005 - 2005
EYEBALL 18

#006 - 2005
DREAMPANEL FLOOR

#007 - 2006
ARCALINE

#008 - 2006
MODULED 150

#009 - 2006
DREAMPANEL SCREEN

#010 - 2007
SLIMLED 150

#011 - 2007
DREAMPANEL WALL

#012 - 2008
COLORPLAYER 150

#013 - 2009
DREAMPANEL GHOST

#014 - 2010
ARCALINE 2

#015 - 2010
ICECOLOR 250

#016 - 2011
ICECOLOR 500

#017 - 2011
ICECOLOR 1000

#018 - 2011
WILDSUN 500C

20 YEARS OF
DIGITAL LIGHTING

#019 - 2011
COLORSUN 200

#020 - 2011
WILDSUN 200 S

#021 - 2012
WILDSUN 500 S

#022 - 2012
WILDSUN 500 K

#023 - 2012
ROLLAPIX 100

#024 - 2012
VERSAPIX 100

#025 - 2013
MAGICPANEL 602

#026 - 2013
MADESIGN

#027 - 2013
NANDOBEAM S3

#028 - 2014
WILDBEAM R

#029 - 2014
INTELLIPIX R

#030 - 2014
MAGICBLADE R

#031 - 2014
MAGICPANEL R

#032 - 2014
MAGICRING R9

#033 - 2014
MAGICRING R1

#034 - 2014
NANDOBEAM S6

#035 - 2015
COSMOPIX R

#036 - 2015
MAGICDOT R

20 YEARS OF DIGITAL LIGHTING
2001 - 2021

#037 - 2015
DREAMPANEL SHIFT

#038 - 2015
DREAMPANEL TWIN

#039 - 2015
VERSAPIX RS

#040 - 2016
NANDOBEAM S9

#041 - 2016
MAGICDOT XT

#042 - 2016
DREAMSPOT 18K

#043 - 2016
WILDSUN K25

#044 - 2016
INTELLIPIX XT

#045 - 2016
WILDSUN S25

#046 - 2016
ALIENPIX RS

#047 - 2016
MAGICBURST

#048 - 2017
MAGICPANEL FX

#049 - 2017
MAGICDOT SX

#050 - 2017
MAGICBLADE FX

#051 - 2017
WILDSUN K25 TC

#052 - 2017
MERAK

#053 - 2017
GHIBLI

#054 - 2017
MINIBURST

20 YEARS OF
DIGITAL LIGHTING
2001 ⊳ 2021

#055 - 2017	#056 - 2018	#057 - 2018
MINIPANEL FX	**MISTRAL**	**BORA**
#058 - 2018	#059 - 2019	#060 - 2019
KHAMSIN	**DIABLO**	**LEVANTE**
#061 - 2019	#062 - 2019	#063 - 2020
PERSEO PROFILE	**HURACÁN PROFILE**	**KARIF LT**
#064 - 2020	#065 - 2020	#066 - 2021
DOMINO PROFILE	**EURUS PROFILE**	**PERSEO BEAM**
#067 - 2021	#068 - 2022	#069 - 2022
HURACÁN LT	**DOMINO LT**	**ZONDA 9 WASH**
#070 - 2022	#071 - 2022	#072 - 2022
ZONDA 9 FX	**COBRA**	**COMING SOON**

⬡ 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)
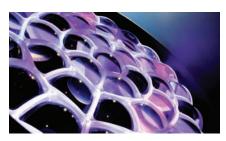
Slim-21™

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. (Patent FR 2006942 & WO Patent pending) (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. (Patent FR 3094455A & WO Patent pending) (09.2019)
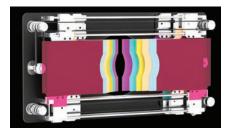
◉ 2D-GoboWheel™

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. (Patent FR 3094455A & WO Patent pending) (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. (Patent FR 3094462A) (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. (Patent FR 3094456A & WO Patent pending) (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. (Patent FR 3094457A) (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)

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. (Patents FR1652938, FR1652944, WO2017/174902 & WO2017/191386) (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. (Patent FR 3049691A) (04.2016)

⬤ **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 RGBW 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. (Patent FR 3049690A) (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 mm² RGBW 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 RGBW 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. (Patent FR 3034499A) (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. (Patent FR 3034173A) (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. (Patent FR 3034172A) (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. (Patent FR 2988464A) (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 RGBW 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. (Patent FR 2943801A) (03.2009)
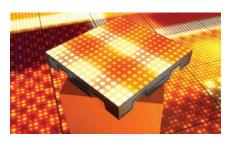
⬢ CrystalProtect-65™

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. (Patent FR 2884026A & WO 2006/106194) (04.2005)

CLASSICAL LUMINAIRES:

S - STAGE

The suffix "S" identifies luminaires designed for stage applications. They are equipped with a LED module that uses a monochromatic light source with extremely high output, producing ultra-powerful metallic white light at a colour temperature of 7000 K.

TC - TRUE COLOR

The suffix "TC" includes fixtures designed for applications requiring perfect colour reproduction. They are equipped with an LED module using a monochromatic light source with a native colour rendering index greater than 90, extremely high TM30 values and a colour temperature of 6000 K.

X - XTREME

The suffix "X" refers to the ultimate in technology-packed luminaires capable of producing extraordinary light power. Standard equipment includes a complex subtractive colour mixing system that can generate billions of colours with a triple variable colour temperature corrector; rotating gobos; effects cassettes; and animation wheels that make it the ideal graphical tool for applications requiring power and refinement.

LT - LONG THROW

The suffix "LT" identifies fixtures designed for long-distance applications. It is a cross-functional suffix that can be applied to all categories: spots, profiles or wash lights. These luminaires are equipped with large diameter frontal lenses that provide an ultra-intense beam with extremely high zoom ratios of up to 17:1.

CS - COLOUR SYNTHESIS

The suffix "CS" pertains to moving-head fixtures using high-efficiency additive colour synthesis. Based principally on use with the three primary colours, red, green and blue (RGB), the CS designation can include other colours depending on the specific type of fixture. This colour mixing system, ideal for theatre applications, creates bright, highly saturated colours that are impossible to obtain through conventional subtractive colour mixing.

CREATIVE SOLUTIONS:

R - RADICAL

The suffix "R" refers to luminaires designed to create 3D volumetric effects in continuous rotation on the pan and tilt axes. The main feature of this product series is the use of a 67 mm optical collimator in combination with a 4 mm^2 RGBW multi-chip LED source or a 94 mm optical collimator with an 8 mm^2 LED source. These combinations allow users to obtain an intense 4° to 5° beam and a centre-beam luminous intensity of over 100 candelas per lumen.

RS - ULTRA RADICAL

The suffix "RS" identifies the latest luminaires in the ultra-radical series combining a 40 W 4 mm^2 RGBW multi-chip LED source and 94 mm-diameter optics. Once again pushing the limits, these luminaires can generate an ultra-intense 3.5° beam with a record-breaking centre-beam intensity of 200 candelas per lumen. With three times the power and six times the centre-beam intensity of the "R" series luminaires, they offer infinite possibilities for creating 3D volumetric effects.

XT - XTREME

The suffix "XT" refers to the ultimate variant of the "R" and "RS" series luminaires. They are equipped with AYRTON'S 126 mm high-efficiency proprietary optics. Weighing in at 550 grammes, this new high-efficiency collimator is the world's largest. Combined with a 4 mm^2 ultra-powerful, low-etendue multi-chip LED source, this series once again pushes the limits by using a 2° beam with a centre-beam luminous intensity of 580 candelas per lumen — six times more efficient than the "R" series luminaires.

SX – SWISS KNIFE

The suffix "SX" refers to the versatile variant of the «R» series luminaires. They are fitted with a revolutionary new 94 mm-diameter short-stroke optical zoom system than can instantly switch from an intense beam mode to a wider wash light mode. This optical system offers a ratio of 8:1 and a wide range of use from 5° to 40°. The tight beam's high efficiency level of 75% is achieved when the transmitting lens comes into contact with the collimator.

FX – SPECIAL EFFECTS

The "FX" suffix is used to describe a multi-function, multi-purpose family of luminaires with a proprietary optical zoom system that has no visible moving parts and a stationary transmitting lens, boasting a 15:1 zoom ratio with a wide range of 3.6° to 53°. Featuring a squared 65 mm transmitting lens with an optical surface equivalent to an 80 mm round lens used in combination with an ultra-powerful, low-etendue, LED source, these luminaires can project an intense beam for creating 3D volumetric effects.

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

074 - Star Dust

076 - Hexagon Ball

077 - Water

074 - Star Dust

076 - Hexagon Ball

077 - Water

081 - Iron Filings

087 - Drunk

093 - Ant

097 - Waves

101 - Deep Forest

105 - Tree Bark

111 - Nested Rings Light

112 - Nested Rings

112C - Nested Rings Cyan

112M - Nested Rings Magenta

112Y - Nested Rings Yellow

114 - Nested Half Rings

120 - Checkered Flag

130 - Dot Line 11

134 - Vortex

147 - Virus

149 - Nuclear

169 - Indian Style

189 - Mirror Ball Light

190 - Mirror Ball

211 - Digital

242 - Stained Glass

255 - Zig-Zag

260 - Arrows

265 - Broken Glass

275 - Prison Bars

298 - Half Beam

300 - Full Beam

302 - 80% Iris Beam

304 - 60% Iris Beam

306 - 40% Iris Beam

308 - 20% Iris Beam

310 - Eccentric Dot

314 - Dot Line 4

320 - Dot Ring 6

322 - Dot Ring 8

324 - Dot Mix

326 - Dot Triangle 3

328 - Dot Square 4

330 - Square Beam

332 - Square Beam 4

335 - Square Beam 25

338 - Square Beam Mix

340 - Triangle Beam

342 - Five Spokes

343 - Eight Spokes

345 - Star Beam

347 - Beam Shaper

350 - Bold Line

353 - Four Lines

358 - Lines Mix

363 - Rubik Cube

365 - Square Line 5

410 - Conical Tunnel Effect

415 - Target Tunnel Effect

420 - Square Tunnel Effect

425 - Triangle Tunnel Effect
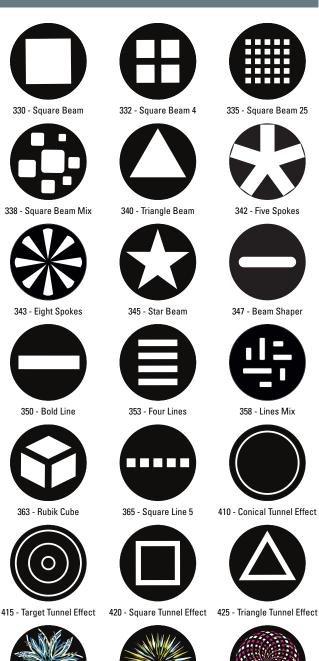
505 - Effect Cassette N°5

511 - Effect Cassette N°11

526 - Effect Cassette N°26

		KARIF LT	MISTRAL	
	Gobo size:	18 mm (1)	25.5 mm	
	Image size:	13 mm	20 mm	
018	Nested Triangle	6.03.03.01.1448	6.03.03.01.0905	
024	Bubble Light			
039	Infinite Stairs		6.03.03.01.0867	
041	Lost in the brain		6.03.03.01.0911	
042	CMY Liquid Effect	6.03.03.06.0130		
047	Fireworks		6.03.03.01.0910	
049	Smoke Rings	6.03.03.01.1452	6.03.03.01.0909	
066	Abstract Square		6.03.03.01.0912	
067	Black & White Target	6.03.03.01.1451	6.03.03.01.0926	
074	Star Dust	6.03.03.01.1447	6.03.03.01.0906	
077	Water			
081	Iron Filings	6.03.03.01.1453	6.03.03.01.0932	
101	Deep Forest		6.03.03.01.0914	
105	Tree Bark		6.03.03.01.0915	
111	Nested Rings Light			
112-Y	Nested Rings Yellow	6.03.03.06.0128	6.03.03.06.0055	
114	Nested Half Rings			
130	Dot Line 11	6.03.03.01.1446	6.03.03.01.0903	
134	Vortex	6.03.03.01.1450	6.03.03.01.0904	
149	Nuclear			
190	Mirror Ball		6.03.03.01.0930	
211	Digital			
242	Stained Glass			
275	Prison Bars			
298	Half Beam			
310	Eccentric Dot			
314	Dot Line 4			
320	Dot Ring 6			
322	Dot Ring 8			
324	Dot Mix			
326	Dot Triangle 3			
328	Dot Square 4			
330	Square Beam			
332	Square Beam 4			
340	Triangle Beam			
342	Five Spokes			
343	Eight Spokes			
345	Star Beam			
347	Beam Shaper			
350	Bold Line			
353	Four Lines			
358	Lines Mix			
410	Conical Tunnel Effect		6.03.03.01.0925	
505	Effect Cassette N°05			
526	Effect Cassette N°26			

(1) Rotating Gobo (2) Spare Gobo

	DIABLO	LEVANTE	COBRA
	25.5 mm	25.5 mm	6.9 mm (1)
	20 mm	19 mm	4 mm
	6.03.03.01.0905		
		6.03.03.05.1560	
	6.03.03.01.0867		
	6.03.03.01.0911		
	6.03.03.01.0909		
	6.03.03.01.0926		
	6.03.03.01.0906		
	6.03.03.01.0932		
	6.03.03.01.0915		
			6.03.03.05.2034
	6.03.03.06.0055		
			6.03.03.05.2066
	6.03.03.01.0903		
	6.03.03.01.0904		
			6.03.03.05.2031
		6.03.03.05.1552	
			6.03.03.05.2013
			6.03.03.05.2073
		6.03.03.05.1551	6.03.03.05.2015
			6.03.03.05.2032
			6.03.03.05.2003
		6.03.03.05.1550	
			6.03.03.05.2030
		6.03.03.05.1549	
			6.03.03.05.2033
			6.03.03.05.2002
		6.03.03.05.1558	
		6.03.03.05.1548	
			6.03.03.05.2029

		GHIBLI	EURUS PROFILE	
	Gobo size:	30 mm	27 mm	
	Image size:	22 mm	22 mm	
018	Nested Triangle	6.03.03.01.0887	6.03.03.01.1208	
024	Bubble Light			
039	Infinite Stairs	6.03.03.01.0817		
041	Lost in the brain	6.03.03.01.0918	6.03.03.01.1398	
042	CMY Liquid Effect		6.03.03.06.0131	
047	Fireworks	6.03.03.01.0917	6.03.03.01.1395	
049	Smoke Rings	6.03.03.01.0916	6.03.03.01.1394	
066	Abstract Square	6.03.03.01.0919	6.03.03.01.1396	
067	Black & White target	6.03.03.01.0924	6.03.03.01.1210	
074	Star Dust	6.03.03.01.0888	6.03.03.01.1209	
077	Water			
081	Iron Filings	6.03.03.01.0931	6.03.03.01.1397	
101	Deep Forest	6.03.03.01.0921	6.03.03.01.1399	
105	Tree Bark	6.03.03.01.0922	6.03.03.01.1400	
111	Nested Rings Light			
112-Y	Nested Rings Yellow	6.03.03.06.0054	6.03.03.06.0064	
114	Nested Half Rings			
130	Dot Line 11	6.03.03.01.0885	6.03.03.01.1206	
134	Vortex	6.03.03.01.0886	6.03.03.01.1207	
149	Nuclear			
190	Mirror Ball		6.03.03.01.1401	
211	Digital		6.03.03.01.1402	
242	Stained Glass		6.03.03.01.1403	
275	Prison Bars			
298	Half Beam			
310	Eccentric Dot			
314	Dot Line 4			
320	Dot Ring 6			
322	Dot Ring 8			
324	Dot Mix			
326	Dot Triangle 3			
328	Dot Square 4			
330	Square Beam			
332	Square Beam 4			
340	Triangle Beam			
342	Five Spokes			
343	Eight Spokes			
345	Star Beam			
347	Beam Shaper			
350	Bold Line			
353	Four Lines			
358	Lines Mix			
410	Conical Tunnel Effect	6.03.03.01.0923	6.03.03.01.1393	
505	Effect Cassette N°05			
526	Effect Cassette N°26			

(1) Rotating Gobo (2) Spare Gobo

	KHAMSIN	BORA	PERSEO BEAM
	34 mm	34.3 mm	18 mm (1)
	24 mm	25 mm	12 mm
	6.03.03.01.1104		6.03.03.01.1821
	6.03.03.01.1105		
			6.03.03.06.0130
	6.03.03.01.1111		6.03.03.01.1818
	6.03.03.01.1110		
	6.03.03.01.1107		6.03.03.01.1820
	6.03.03.01.1103		6.03.03.01.1822
	6.03.03.01.1112		6.03.03.01.1823
	6.03.03.01.1113		
	6.03.03.01.1114		
	6.03.03.06.0061		6.03.03.06.0138
	6.03.03.01.1109		6.03.03.01.1817
	6.03.03.01.1106		6.03.03.01.1819
		6.03.03.05.1456	
		6.03.03.05.1462	
		6.03.03.05.1454	
		6.03.03.05.1461	
		6.03.03.05.1557	
		6.03.03.05.1460	

		PERSEO PROFILE	HURACÁN LT	
	Gobo size:	27 mm (1)	30 mm	
	Image size:	22 mm	25 mm	
018	Nested Triangle	6.03.03.01.1208		
024	Bubble Light			
039	Infinite Stairs	6.03.03.01.1211		
041	Lost in the brain	6.03.03.01.1398		
042	CMY Liquid Effect			
047	Fireworks	6.03.03.01.1395		
049	Smoke Rings	6.03.03.01.1394	6.03.03.01.1177-A	
066	Abstract Square	6.03.03.01.1396		
067	Black & White target	6.03.03.01.1210		
074	Star Dust	6.03.03.01.1209	6.03.03.01.1172-A	
077	Water		6.03.03.01.1575-0	
081	Iron Filings	6.03.03.01.1397		
101	Deep Forest	6.03.03.01.1399	6.03.03.01.1182-0	
105	Tree Bark	6.03.03.01.1400	6.03.03.01.1183-A	
111	Nested Rings Light			
112-Y	Nested Rings Yellow	6.03.03.06.0064	6.03.03.06.0124	
114	Nested Half Rings			
130	Dot Line 11	6.03.03.01.1206		
134	Vortex	6.03.03.01.1207		
149	Nuclear			
190	Mirror Ball	6.03.03.01.1401		
211	Digital	6.03.03.01.1402		
242	Stained Glass	6.03.03.01.1403		
275	Prison Bars		6.03.03.01.1576-0	
298	Half Beam			
310	Eccentric Dot		6.03.03.05.1970	
314	Dot Line 4		6.03.03.05.1968	
320	Dot Ring 6			
322	Dot Ring 8		6.03.03.05.1969	
324	Dot Mix			
326	Dot Triangle 3		6.03.03.05.2026	
328	Dot Square 4			
330	Square Beam			
332	Square Beam 4		6.03.03.05.1967	
340	Triangle Beam			
342	Five Spokes		6.03.03.05.2019	
343	Eight Spokes			
345	Star Beam			
347	Beam Shaper		6.03.03.05.2020	
350	Bold Line			
353	Four Lines			
358	Lines Mix			
410	Conical Tunnel Effect	6.03.03.01.1393		
505	Effect Cassette N°05			
526	Effect Cassette N°26			

(1) Rotating Gobo (2) Spare Gobo

	HURACÁN PROFILE	DOMINO LT	DOMINO PROFILE
	30 mm	30 mm	30 mm
	25 mm	25 mm	25 mm
	6.03.03.01.1171		6.03.03.01.1171
	6.03.03.01.1175		6.03.03.01.1175
	6.03.03.01.1178		
	6.03.03.01.1177	6.03.03.01.1177-A	6.03.03.01.1177
	6.03.03.01.1180		6.03.03.01.1180
	6.03.03.01.1174		6.03.03.01.1174
	6.03.03.01.1172	6.03.03.01.1172-A	6.03.03.01.1172
		6.03.03.01.1575-0	
	6.03.03.01.1181		6.03.03.01.1181
		6.03.03.01.1182-0	6.03.03.01.1182
	6.03.03.01.1183	6.03.03.01.1183-A	6.03.03.01.1183
	6.03.03.06.0124	6.03.03.06.0124	6.03.03.06.0124
	6.03.03.01.1169		6.03.03.01.1169
	6.03.03.01.1170		6.03.03.01.1170
			6.03.03.01.1563
			6.03.03.01.1564
		6.03.03.01.1576-0	
		6.03.03.05.1970	
		6.03.03.05.1968	
		6.03.03.05.1969	
		6.03.03.05.2026	
		6.03.03.05.1967	
		6.03.03.05.2019	
		6.03.03.05.2020	
	5.04.01.07.0513		
	5.04.01.07.0512		

	KARIF LT	MISTRAL S	MISTRAL TC
Optics			
Optic Size / Diameter	168 mm front lens	119 mm front lens	
Beam Aperture	2.8° to 47°	6.7° to 53°	
Zoom Elements / Range	13-elements / 17:1	13-elements / 8:1	
Light Source			
Architecture	White Light Engine	White Light Engine	
Light Engine Power	300 W	300 W	
Light Engine Output (lm)	20,000	26,000	21,000
Light Engine Colour Temperature (K)	8000	8000	7000
Luminaire Output (lm)	14,000	18,000	14,000
Luminaire Colour Temperature (K)	7000	7000	6500
Native Colour Rendering Index	>70	>70	>90
Movement			
Rotation Type / Range	Infinite Pan - Tilt 270°	Pan 540° - Tilt 270°	
Colours			
Colour Mixing	CMY + CTO	CMY + CTO	
Fixed Colours (number/wheel)	13 colours / 1 Wheel	7 colours / 1 Wheel	
Gobos/Effects			
Fixed Gobos (number/wheel)	39 Gobos / 1 Wheel	9 Gobos / 1 Wheel	
Rotating Gobos (number/wheel)	9 Gobos / 1 Wheel	7 Gobos / 1 Wheel	
Gobo type / Size (mm) / Image (mm)	HD Glass / 18 / 13	HD Glass / 25.5 / 20	
4 blades Framing System	No	No	
Graphic Animation Wheel (type)	Yes / Continuous	Yes / Continuous	
Rotating Effect	4 combinable Prisms	5-facet circular Prism	
Frost filter	1 light & 1 heavy Frost	Yes / Light Frost	
Iris Diaphragme	Beam Reducer	Yes	
Hardware Features			
Menu Buttons For Setting Functions	Clicking Jog Wheel	Clicking Jog Wheel	
Integrated Wireless Receiver	LumenRadio™ CRMX TiMo	LumenRadio™ CRMX TiMo	
Input/Output Data Connector	XLR-5	XLR-5	
Input/Output Ethernet Connector	No	No	
Power Connector	powerCON TRUE1 In/Out	powerCON TRUE1 In/Out	
Control			
Data Protocol	DMX 512 - RDM	DMX 512 - RDM	
Ethernet Protocol	No	No	
Channel Control	32 to 46	26 to 39	
Electronic Power Supply			
Range	100 to 240 Volts	100 to 240 Volts	
Power Consumption Maximum	550 W	550 W	
Dimensions & Weight			
Luminaire Dimensions (mm)	365 x 622 x 212	365 x 591 x 212	
Flight-case Foam Dimensions (mm)	430 x 660 x 280	450 x 620 x 280	
Weight (kg)	27	18.9	
Product Code			
Standard Colour	011170	011240	011250

	DIABLO S	DIABLO TC	LEVANTE S	LEVANTE TC	COBRA
	119 mm front lens		138 mm front lens		168 mm front lens
	6.7° to 53°		6.9° to 57°		0.6° to 23°
	13-elements / 8:1		13-elements / 8:1		13-elements / 38:1
	White Light Engine		White Light Engine		Laser phosphore
	300 W		300 W		260 W
	26,500	20,500	26,500	20,500	-
	8000	7000	8000	7000	-
	19,000	14,000	20,000	15,000	386,000 lux
	7000	6500	7000	6500	6500
	>70	>90	>70	>90	>65
	Pan 540° - Tilt 270°		Pan 540° - Tilt 270°		Continuous pan & tilt
	CMY + CTO		CMY + CTO		CMY + CTO
	7 colours / 1 Wheel		7 colours / 1 Wheel		27 colours / 1 Wheel
	No		No		80 Gobos / 1 Wheel
	7 Gobos / 1 Wheel		7 Gobos / 1 Wheel		12 Gobos / 1 Wheel
	HD Glass / 25.5 / 20		Metal / 25.5 / 19		Metal / 6.9 / 4
	4 focal planes / Integral		4 focal planes / Integral		No
	Yes / Continuous		No		Yes / Continuous
	5-facet circular Prism		No		8 combinable Prisms / 2 Wheels
	Yes / Light Frost		Variable Linear Frost		1 light & 1 heavy Frost
	Yes		Yes		Beam Reducer
	Clicking Jog Wheel		Clicking Jog Wheel		5 menu buttons
	LumenRadio™ CRMX TiMo		LumenRadio™ CRMX TiMo		LumenRadio™ CRMX TiMo
	XLR-5		XLR-5		IP65 XLR-5
	No		No		IP65 RJ45
	powerCON TRUE1 In/Out		powerCON TRUE1 In/Out		IP65 powerCON TRUE1 TOP In
	DMX 512 - RDM		DMX 512 - RDM		DMX 512 - RDM
	No		No		No
	34 to 56		29 to 50		35 to 45
	100 to 240 Volts		100 to 240 Volts		100 to 240 Volts
	550 W		550 W		480 W
	365 x 591 x 212		365 x 632 x 212		415 x 660 x 280
	430 x 660 x 280		430 x 660 x 280		485 x 565 x 560
	22		22		33
	011340	011350	010240	010250	014170

	GHIBLI S	GHIBLI TC	EURUS PROFILE S	EURUS PROFILE TC
Optics				
Optic Size / Diameter	137 mm front lens		170 mm front lens	
Beam Aperture	7° to 56°		4.5° to 50°	
Zoom Elements / Range	13-elements / 8:1		13-elements / 11:1	
Light Source				
Architecture	White Light Engine		White Light Engine	
Light Engine Power	600 W		650 W	
Light Engine Output (lm)	36,000	26,000	45,600	32,000
Light Engine Colour Temperature (K)	8000	6500	8200	7000
Luminaire Output (lm)	23,000	17,000	36,000	25,000
Luminaire Colour Temperature (K)	7000	5900	6700	6200
Native Colour Rendering Index	>70	>90	>70	>90
Movement				
Rotation Type / Range	Pan 540° - Tilt 270°		Pan 540° - Tilt 270°	
Colours				
Colour Mixing	CMY + CTO		CMY + CTO	
Fixed Colours (number/wheel)	6 colours / 1 Wheel		7 colours / 1 Wheel	
Gobos/Effects				
Fixed Gobos (number/wheel)	8 Gobos / 1 Wheel		11 Gobos / 1 Wheel	
Rotating Gobos (number/wheel)	7 Gobos / 1 Wheel		7 Gobos / 1 Wheel	
Gobo type / Size (mm) / Image (mm)	HD Glass / 30 / 22		HD Glass / 27 / 22	
4 blades Framing System	4 focal planes / Integral		4 focal planes / Integral	
Graphic Animation Wheel (type)	Yes / Continuous		Yes / Continuous	
Rotating Effect	5-facet circular 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	Clicking Jog Wheel		Clicking Jog Wheel	
Integrated Wireless Receiver	LumenRadio™ CRMX TiMo		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	36 to 58		39 to 62	
Electronic Power Supply				
Range	100 to 240 Volts		100 to 240 Volts	
Power Consumption Maximum	800 W		1,000 W	
Dimensions & Weight				
Luminaire Dimensions (mm)	468 x 734 x 280		445 x 743 x 273	
Flight-case Foam Dimensions (mm)	655 x 590 x 555		655 x 590 x 555	
Weight (kg)	35.6		32.9	
Product Code				
Standard Colour	011450	011460	011540	011545

	KHAMSIN S	KHAMSIN TC	BORA S	BORA TC	PERSEO BEAM
	158 mm front lens		178 mm front lens		168 mm front lens
	7° to 58°		8° to 64°		2° to 42°
	13-elements / 8:1		13-elements / 8:1		13-elements / 21:1
	White Light Engine		White Light Engine		White Light Engine
	750 W		750 W		450 W
	60,000	48,000	60,000	48,000	25,000
	8000	7000	8000	7000	9000
	40,000	31,000	40,000	31,000	18,000
	7000	6400	6800	6200	6800
	>70	>90	>70	>90	>70
	Pan 540° - Tilt 270°		Pan 540° - Tilt 270°		Pan Infinite - Tilt 270°
	CMY + CTO		CMY + CTO		CMY + CTO
	6 colours / 1 Wheel		12 colours / 2 Wheels		13 colours / 2 Wheels
	No		No		39 Gobos / 1 Wheel
	12 Gobos / 2 Wheels		6 Gobos / 1 Wheel		9 Gobos / 1 Wheel
	HD Glass / 34 / 24		Metal / 34.3 / 25		HD Glass / 18 / 12
	4 focal planes / Integral		4 focal planes / Integral		4 focal planes / Integral
	Yes / Continuous		No		Yes / Continuous
	1 circular & 1 linear Prism		No		4 combinable Prisms
	1 light & 1 heavy Frost		Variable Linear Frost		1 light & 1 heavy Frost
	Yes		Yes		Beam Reducer
	Clicking Jog Wheel		Clicking Jog Wheel		5 menu buttons
	LumenRadio™ CRMX TiMo		LumenRadio™ CRMX TiMo		LumenRadio™ CRMX TiMo
	XLR-5		XLR-5		IP65 XLR-5
	etherCON CAT5		etherCON CAT5		IP65 RJ45
	powerCON TRUE1 In		powerCON TRUE1 In		IP65 powerCON TRUE1 TOP In
	DMX 512 - RDM		DMX 512 - RDM		DMX 512 - RDM
	ArtNet™ - sACN		ArtNet™ - sACN		ArtNet™ - sACN
	40 to 64		30 to 52		29 to 42
	120 to 240 Volts		120 to 240 Volts		100 to 240 Volts
	1,150 W		1,150 W		700 W
	494 x 778 x 280		494 x 737 x 280		490 x 710 x 330
	655 x 590 x 555		655 x 590 x 555		655 x 590 x 555
	39.8		37.8		41.5
	011640	011650	010640	010650	012470

	CLASSICAL 6 SERIES		CLASSICAL 9 SERIES
	PERSEO PROFILE S	PERSEO PROFILE TC	HURACÁN LT
Optics			
Optic Size / Diameter	148 mm front lens		225 mm front lens
Beam Aperture	7° to 58°		3.5° to 53°
Zoom Elements / Range	13-elements / 8:1		13-elements / 15:1
Light Source			
Architecture	White Light Engine		White Light Engine
Light Engine Power	500 W		1,000 W
Light Engine Output (lm)	40,000	34,000	75,000
Light Engine Colour Temperature (K)	8200	7000	8200
Luminaire Output (lm)	30,000	26,000	51,000
Luminaire Colour Temperature (K)	6900	6500	6700
Native Colour Rendering Index	>70	>90	>70
Movement			
Rotation Type / Range	Pan 540° - Tilt 270°		Pan 540° - Tilt 270°
Colours			
Colour Mixing	CMY + CTO		CMY + CTO + CTB + CTP
Fixed Colours (number/wheel)	6 colours / 1 Wheel		6 colours / 1 Wheel
Gobos/Effects			
Fixed Gobos (number/wheel)	11 Gobos / 1 Wheel		No
Rotating Gobos (number/wheel)	7 Gobos / 1 Wheel		14 Gobos / 2 Wheels
Gobo type / Size (mm) / Image (mm)	HD Glass / 27 / 22		HD Glass / 30 / 25
4 blades Framing System	4 focal planes / Integral		4 focal planes / Integral
Graphic Animation Wheel (type)	Yes / Continuous		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		Clicking Jog Wheel
Integrated Wireless Receiver	LumenRadio™ CRMX TiMo		LumenRadio™ CRMX TiMo
Input/Output Data Connector	IP65 XLR-5		XLR-5
Input/Output Ethernet Connector	IP65 RJ45		etherCON CAT5
Power Connector	IP65 powerCON TRUE1 TOP In		powerCON TRUE1 In
Control			
Data Protocol	DMX 512 - RDM		DMX 512 - RDM
Ethernet Protocol	ArtNet™ - sACN		ArtNet™ - sACN
Channel Control	38 to 61		44 to 70
Electronic Power Supply			
Range	100 to 240 Volts		120 to 240 Volts
Power Consumption Maximum	800 W	900 W	1,600 W
Dimensions & Weight			
Luminaire Dimensions (mm)	490 x 710 x 330		494 x 867 x 280
Flight-case Foam Dimensions (mm)	655 x 590 x 555		745 x 550 x 660
Weight (kg)	38.8		53.8
Product Code			
Standard Colour	012440	012450	011870

HURACÁN PROFILE S	HURACÁN PROFILE TC	DOMINO LT	DOMINO PROFILE S	DOMINO PROFILE TC
178 mm front lens		225 mm front lens	178 mm front lens	
6° to 60°		3.5° to 53°	6° to 60°	
13-elements / 10:1		13-elements / 15:1	13-elements / 10:1	
White Light Engine		White Light Engine	White Light Engine	
1,000 W		1,000 W	1,000 W	
75,000	53,000	75,000	75,000	56,000
8000	6800	8200	8000	7000
51,000	33,900	51,000	51,000	36,400
7000	6400	6700	7000	6500
>70	>95	>70	>70	>90
Pan 540° - Tilt 270°		Pan 540° - Tilt 270°	Pan 540° - Tilt 270°	
CMY + CTO + CTB + CTP		CMY + CTO + CTB + CTP	CMY + CTO	
6 colours / 1 Wheel		6 colours / 1 Wheel	7 colours / 1 Wheel	
No		No	No	
12 Gobos / 2 Effects / 2 Wheels		7 Gobos / 2 Wheels	14 Gobos / 2 Wheels	
HD Glass / 30 / 25		HD Glass / 30 / 25	HD Glass / 30 / 25	
4 focal planes / Integral		4 focal planes / Integral	4 focal planes	
1 Colour / 1 Monochromatic		1 Colour / 1 Monochromatic	1 Colour / 1 Monochromatic	
1 circular & 1 linear Prism		1 circular & 1 linear Prism	1 circular & 1 linear Prism	
1 light & 1 heavy Frost		1 light & 1 heavy Frost	1 light & 1 heavy Frost	
Yes		Yes	Yes	
Clicking Jog Wheel		5 menu buttons	5 menu buttons	
LumenRadio™ CRMX TiMo		LumenRadio™ CRMX TiMo	LumenRadio™ CRMX TiMo	
XLR-5		IP65 XLR-5	IP65 XLR-5	
etherCON CAT5		IP65 RJ45	IP65 RJ45	
powerCON TRUE1 In		IP65 powerCON TRUE1 TOP In	IP65 powerCON TRUE1 TOP In	
DMX 512 - RDM		DMX 512 - RDM	DMX 512 - RDM	
ArtNet™ - sACN		ArtNet™ - sACN	ArtNet™ - sACN	
44 to 70		46 to 72	42 to 66	
120 to 240 Volts		120 to 240 Volts	120 to 240 Volts	
1,600 W		1,600 W	1,700 W	
486 x 811 x 294		490 x 884 x 330	490 x 841 x 330	
715 x 555 x 630		765 x 665 x 555	715 x 665 x 555	
46		60	52	
011860	011865	012670	012640	012645

	ZONDA 9 WASH	**ZONDA 9 FX**
Optics		
Optic Size / Diameter	37 x truncated 50 mm	37 x truncated 50 mm
Beam Aperture	4.0° to 56°	4.0° to 56°
Zoom Elements / Range	2-elements / 14:1	2-elements / 14:1
Light Source		
Architecture	Multi-chip LED	Multi-chip LED
Light Engine Power	40 W / 37	40 W / 37
Light Engine Output (lm)	37,000	37,000
Light Engine Colour Temperature (K)	-	-
Luminaire Output (lm)	25,000	25,000
Luminaire Colour Temperature (K)	-	-
Native Colour Rendering Index	-	-
Movement		
Rotation Type / Range	Pan 540° - Tilt 270°	Continuous pan & tilt
Colours		
Colour Mixing	RGBW	RGBW
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 / 4 rings	Yes / 37 pixels
Graphical Effects	2D & 3D	2D & 3D & LiquidEffect™
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	LumenRadio™ CRMX TiMo
Input/Output Data Connector	XLR-5	XLR-5
Input/Output Ethernet Connector	etherCON CAT5	etherCON CAT5
Power Connector	powerCON TRUE1 In	powerCON TRUE1 In
Control		
Data Protocol	DMX 512 - RDM	DMX 512 - RDM
Ethernet Protocol	ArtNet™ - sACN	ArtNet™ - sACN
Channel Control	26 to 54	26 to 199
Electronic Power Supply		
Range	120 to 240 Volts	120 to 240 Volts
Power Consumption Maximum	1,400 W	1,400 W
Dimensions & Weight		
Luminaire Dimensions (mm)	530 x 625 x 280	530 x 625 x 280
Flight-case Foam Dimensions (mm)	580 x 611 x 345	580 x 611 x 345
Weight (kg)	29.2	29.2
Product Code		
Standard Colour	013740	013750

	WILDSUN K25 TC	WILDSUN S25	
	408 mm lenses cluster	408 mm lenses cluster	
	12° to 60°	10° to 60°	
	5:1	6:1	
	Mono-chip LED	Mono-chip LED	
	5 W / 217	5 W / 217	
	112,000	112,000	
	5700	-	
	63,000	60,000	
	5700	6500	
	>92	>86	
	Pan 540° - Tilt 245°	Pan 540° - Tilt 245°	
	White LED	RGBW	
	-	4.29 billion	
	-	Yes	
	-	Yes	
	-	Yes	
	-	-	
	-	-	
	Yes	Yes	
	Electronic from 0 to 100%	Electronic from 0 to 100%	
	1 to 25 flashes per second	1 to 25 flashes per second	
	6 menu buttons	6 menu buttons	
	LumenRadio™ CRMX	LumenRadio™ CRMX	
	XLR-5	XLR-5	
	etherCON CAT5	etherCON CAT5	
	powerCON TRUE1 In	powerCON 32A In	
	DMX 512 - RDM	DMX 512 - RDM	
	ArtNet™ - sACN	ArtNet™ - sACN	
	11 to 22	14 to 64	
	100 to 240 Volts	207 to 240 Volts	
	1,600 W	2,750 W	
	547 x 702 x 348	547 x 702 x 348	
	627 x 725 x 414	627 x 725 x 414	
	36.5	38	
	013830	013840	

	INTELLIPIX XT	MAGICDOT R
Optics		
Optic Size / Diameter	9 x 126 mm	1 x 94 mm
Beam Aperture	2°	4.5°
Zoom Elements / Range	1	1
Light Source		
Architecture	Multi-chip LED	Multi-chip LED
Power Source / Number	35 W / 9	70 W / 1
Luminaire Light Output (lm)	7,650	1,600
Luminaire Luminous Intensity	5,220,000 cd	180,000 cd
Movement		
Rotation Type / Range	Static	Continuous pan & tilt
Colours		
Colour Mixing	RGBW	RGBW
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 / 9	-
Graphical Effects	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	6	6
Integrated Wireless Receiver	No	No
Input/Output Data Connector	XLR-5	XLR-5
Input/Output Ethernet Connector	No	No
Power Connector	powerCON TRUE1 In/Out	powerCON TRUE1 In/Out
Control		
Data Protocol	DMX 512 - RDM	DMX 512 - RDM
Ethernet Protocol	No	No
Channel Control	6 to 45	15 to 17
Electronic Power Supply		
Range	100 to 240 Volts	110 to 240 Volts
Power Consumption Maximum	420 W	100 W
Dimensions & Weight		
Luminaire Dimensions (mm)	473 x 473 x 247	210 x 318 x 210
Flight-case Foam Dimensions (mm)	557 x 515 x 330	251 x 330 x 251
Weight (kg)	15.5	5.3
Product Code		
Standard Colour	024750	015150

	MAGICDOT SX	MAGICDOT XT	MAGICBLADE FX
	1 x 94 mm	1 x 126 mm	7 x squared 65 mm
	5° to 40°	2°	3.6° to 53°
	2-elements / 8:1	1	2
	Multi-chip LED	Multi-chip LED	Multi-chip LED
	70 W / 1	35 W / 1	35 W / 7
	1,500	850	4,200
	136,000 cd	580,000 cd	579,600 cd
	Continuous pan & tilt	Continuous pan & tilt	Continuous pan & tilt
	RGBW	RGBW	RGBW
	4.29 billion	4.29 billion	4.29 billion
	Yes	Yes	Yes
	Yes	Yes	Yes
	Yes	Yes	Yes
	-	-	Yes / 7
	-	-	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
	6	6	6
	LumenRadio™ CRMX TiMo	LumenRadio™ CRMX TiMo	LumenRadio™ CRMX TiMo
	XLR-5	XLR-5	XLR-5
	No	No	etherCON CAT5
	powerCON TRUE1 In/Out	powerCON TRUE1 In/Out	powerCON TRUE1 In/Out
	DMX 512 - RDM	DMX 512 - RDM	DMX 512 - RDM
	No	No	ArtNet™ - sACN
	16 to 19	15 to 17	19 to 46
	110 to 240 Volts	100 to 240 Volts	100 to 240 Volts
	130 W	100 W	400 W
	210 x 318 x 210	235 x 360 x 235	612 x 312 x 191
	251 x 330 x 251	290 x 355 x 290	677 x 370 x 250
	5.7	6.2	13
	015160	015170	015350

	MINIPANEL FX	MAGICPANEL FX
Optics		
Optic Size / Diameter	4 x squared 65 mm	25 x squared 65 mm
Beam Aperture	3.6° to 53°	3.6° to 53°
Zoom Elements / Range	2	2
Light Source		
Architecture	Multi-chip LED	Multi-chip LED
Power Source / Number	35 W / 4	35 W / 25
Luminaire Light Output (lm/nit)	2,400	13,500
Luminaire Luminous Intensity	331,200 cd	2,070,000 cd
Movement		
Rotation Type / Range	Continuous pan & tilt	Continuous pan & tilt
Colours		
Colour Mixing	RGBW	RGBW
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 / 4	Yes / 25
Graphical Effects	2D & 3D	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	6	6
Integrated Wireless Receiver	LumenRadio™ CRMX TiMo	LumenRadio™ CRMX TiMo
Input/Output Data Connector	XLR-5	XLR-5
Input/Output Ethernet Connector	No	etherCON CAT5
Power Connector	powerCON TRUE1 In/Out	powerCON TRUE1 In/Out
Control		
Data Protocol	DMX 512 - RDM	DMX 512 - RDM
Ethernet Protocol	No	ArtNet™ - sACN
Channel Control	19 to 34	19 to 118
Electronic Power Supply		
Range	100 to 240 Volts	100 to 240 Volts
Power Consumption Maximum	220 W	1,000 W
Dimensions & Weight		
Luminaire Dimensions (mm)	285 x 397 x 220	486 x 641 x 307
Flight-case Foam Dimensions (mm)	340 x 425 x 275	569 x 672 x 367
Weight (kg)	8.9	33.7
Product Code		
Standard Colour	015450	015670

	MINIBURST	MAGICBURST	
	Non Applicable	Non Applicable	
	120°	120°	
	-	-	
	Mono-chip LED	Mono-chip LED	
	1/4 W / 960	1/4 W / 3,840	
	60,000	240,000	
	Non Applicable	Non Applicable	
	Continuous pan & tilt	Continuous pan & tilt	
	No	No	
	-	-	
	-	-	
	-	-	
	No	No	
	Yes / 16	Yes / 64	
	Yes	Yes	
	speed & duration control	speed & duration control	
	Electronic from 0 to 100%	Electronic from 0 to 100%	
	1 to 25 flashes per second	1 to 25 flashes per second	
	6	6	
	LumenRadio™ CRMX TiMo	LumenRadio™ CRMX TiMo	
	XLR-5	XLR-5	
	No	etherCON CAT5	
	powerCON TRUE1 In/Out	powerCON TRUE1 In/Out	
	DMX 512 - RDM	DMX 512 - RDM	
	No	ArtNet™ - sACN	
	12 to 59	12 to 203	
	100 to 240 Volts	110 to 240 Volts	
	350 W	1,400 W	
	285 x 399 x 220	473 x 641 x 307	
	340 x 425 x 275	559 x 662 x 367	
	8.5	18.9	
	016650	016850	

At this time of increased focus on the environmental challenges we face, it is important we highlight the steps Ayrton has, and continues to, take to be as environmentally-conscious and responsible as possible.

Ayrton is the market leader in LED/Solid State powered stage lighting. Founded in 2001, Ayrton has only ever developed product with LED sources, believing that these long-life, efficient solid-state light sources were the future, long before the industry in general adopted the technology.

The use of LED brings with it a number of environmental benefits over traditional light source technologies, which not only relate to the light source itself being more environmentally friendly, but brings benefits to the product's environmental credentials as a whole.

Ayrton is also committed, at an organizational level, to continually improve how we approach sustainability in our total operation. In February 2022, we completed our first end-to-end Carbon Emissions Audit, led by independent consultants Avieco. Rather than only looking at our immediate areas of impact - i.e. our building, our transport and travel, etc, we audited our entire value chain, from manufacturing, through to end of life of product.

This will be the first of our annual Carbon Emissions Audits, allowing us to understand where our hotspots are, and put Science-Based Targets in place leading to a reduction in our emissions. Over the coming months, we will be setting out our initial goals and plans to achieve them.

Below are the areas on which we are focusing.
Should you have any suggestions on how we can improve further, please do send them to **gogreen@ayrton.eu.** We will evaluate the proposals, and keep you informed about our future progress.

SOLID STATE LIGHT SOURCE TECHNOLOGY

› Ecologically Friendly

Most conventional discharge lighting bulbs contain a multitude of materials like mercury, sodium or metal-halides (including bromine and iodine), which are dangerous for the environment. LED sources contain fewer toxic materials, and LED manufacturers are working to minimize and eliminate known hazardous substances. Moreover, the long operational life span mentioned in the next point means that one LED module can save material and production of many equivalent discharge lamps.

› Long Life

Long life stands out as the number one benefit of LED light sources. LED modules have an outstanding operational life expectation of up to 50,000 hours. This is 5 years of continuous operation, or 10 years of 50% operation. In applications more relevant to the stage lighting industry, if you operate the LED fixture for 8 hours per day, every day of the year, it would take around 14 years before the LED engine reached 70% of its initial output, at which point we would consider this no longer useable. LEDs are different from metal-halide and tungsten lighting sources; they do not burn out and stop working like the aforementioned, although the lighting diodes emit lower output levels over a very long period of time, becoming less bright.

› Reduced internal heat

As LED modules produce less heat than a discharge lamp, all the surrounding components are subjected to lower thermal stress than metal-halide-based products. This results in a reduction of failure rates due to heat, meaning fewer spare parts are required for replacement. This results in the increased reliability that Ayrton products are known to deliver.

› Zero UV Emissions

LED fixtures produces little infrared light and close to no UV emissions. Because of this, LED lighting is highly suitable, not only for goods and materials that are sensitive to heat due to the benefit of little radiated heat emission, but also for illumination of UV sensitive objects or materials, such as in museums, art galleries, archaeological sites. It also reduces the size of the cooling system, which in turn ensures a reduction in power consumption.

> LED: a very efficient source

LED lighting has the potential to be more energy efficient than any other known lighting technology.

But two aspects of energy efficiency are important to consider: the efficiency of the LED device itself (source efficacy), and how well the device and fixture work together in providing the necessary lighting (luminaire efficacy).

How much electricity is consumed depends not only on the LED device, but also on the lighting fixture design. Because they are sensitive to thermal and electrical conditions, LEDs must be carefully integrated into lighting fixtures.

The efficiency of a poorly designed fixture, that uses even the best LEDs, will be only a fraction of what it would be if the fixture were well-designed. The design can also affect lumen maintenance.

Ayrton focuses on class-leading, phase-change, liquid cooling solutions, to ensure its thermal management realizes the full potential of the ultra-efficient LED modules. This results in the highest output for the electricity employed on the market.

In addition (due to the efficiency of the entire luminaire), there is a lower heat output (measured in BTUs) compared with other, less efficient LED products and of course, metal-halide and tungsten products. This results in less demand on HVAC systems (and lower energy needs).

In short, Ayrton LED luminaires result in less power needed to generate more output, with lower heat emitted.

NO SINGLE USE
PLASTIC PACKAGING INSIDE

LOGISTICS

› Primary Packaging

Packaging of product is important; both because it protects the contents (which we want to arrive in perfect shape), and also because it is the source of the largest amount of immediate waste, once the product arrives at its final destination.

Ayrton has, for many years, shipped all our products in reusable, specially-designed, moulded poly-foam inserts. These protective shells are used by customers to protect their fixtures well into the future, and can be inserted into flight cases without additional impact protection being needed.

Up until the end of 2019, we were shipping with single-use plastic bags (one for the fixture, and another for the accessories). A single-use, impact resistant foam pad was used to protect the base of the fixture, and foam corners were used to protect the corners.

From 2020, all new product no longer ships with single-use plastic and foam packaging items, which are hard to recycle.

We have removed all plastic bags and created a corrugated-paper, impact resistant pad to protect the base, which also now holds all the accessory items.

We have also replaced the foam corners with corrugated versions.

Since 2020, this has resulted in almost 100,000 fewer single use plastic/foam items entering the environment!

In addition, we have worked with our supply chain in China to ensure all the corrugated paper used to make our boxes (which is a mixture of recycled and new paper) always comes from FSC certified sources.

The chain of custody has been audited. All the paper-based packaging used in our products can be recycled.

As a next step, we are working on replacing the plastic packing tape used to close all the packaging with paper-based tape.

NO SINGLE USE
PLASTIC PACKAGING INSIDE

› Secondary Packaging

Alongside primary packaging, the manner in which product is palletized and prepared for shipping plays an important role in our sustainability drive.

Prior to 2021, product was shipped from the factory on plastic pallets which were not able to be used on rack shelves. Plastic was (and is) used, as there are environmental challenges and controls with using wooden pallets for intercontinental shipments.

Due to this, pallets were being used once and discarded, while a second pallet was then employed (wooden or plastic) for further storage or onward shipping.

Since 2021, we have shipped product using a new, more robust plastic pallet type, allowing the shipping pallet to be reused multiple times, both for shipping and for storage, not only of Ayrton products.

We are also working on changing the plastic pallet wrap to use biodegradable materials. We have already made this change at our French HQ (January 2022), and will be making the change at the factory in the near future.

› Transport

Ayrton uses a mix of transport options for shipping from the factory. Over the last two years, we have made a concerted effort to reduce the amount of airfreight we use. As indicated in our 2021 Carbon Emissions Report, our use of rail freight for 87% of all inbound freight saved the emission of 4,000 tonnes of CO^2.

There will continue to be focus on increasing both ours and our partners' use of both rail and ocean freight over airfreight, as this is one of the areas we can have the highest direct impact.

› Recycling end-of-life products

We are currently undertaking a comprehensive review of our product component ecosystems, and creating guides to enable end users to better dispose of the products, for recycling where possible, when they reach the end of their usable life. This process started during the Covid Pandemic and we have not made the progress we might have liked. As part of our first Carbon Emissions Audit, we have now completed the identification of components in terms of both value and weight used in our products. The next step into Q3 2022 will be to list these parts and provide documentation surrounding best practice for recycling. This will then be shared with our partners to enhance the disposal of Ayrton products which are end of life.

› Ayrton Operations

We are continually looking at ways to reduce our environmental impact and increase sustainability.

- We have removed all single-use plastic bottled water and soft drinks, provided staff with reusable bottles, and have removed any single use coffee or drink mugs, both at our French HQ and our German office

- We are actively separating waste for recycling into Plastic, Glass, Paper and General Waste sections.

- We are focused on using local suppliers and produce for our corporate events. We also make use of Ecolabel cleaning products.

- We only use paper which comes from FSC/PEFC certified suppliers. By Q2 2022, we will only be using 100% recycled paper for all internal printers and paper towels.

- From 2020, all Ayrton printed material is printed on PEFC recycled paper.

- In 2021, we embarked on a process to change our energy supply to a 100% renewable energy tariff. What we expected to be a short and easy project has turned into a complex exercise. We expect to finally be able to use a 100% renewable energy tariff in early Q2, 2022. In an extension to the project, we will also be making an additional investment to power our new showroom. We are currently using a generator for this element, but by the end of 2022, all of Ayrton's power needs will be met by the purchase of clean energy.

While these are positive beginnings, we realise we must do more, and are committed to continually improve our ecological credentials, in all areas of our business.

CO^2 Missions Audited

by independent consultants Avieco in February 2022

100,000

fewer single-use plastic/foam items entering the environment

Biodegradable Pallet Wrap

as an alternative to plastic wrap at our French HQ

FSC/PEFC

certified corrugated boxes & recycled paper

4,000

tonnes of CO^2 less emissions due to rail freight

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

74,327 litres of water
2,871 kg of wood
1,767 kg of landfill
204 kg CO^2 and greenhouse gases
2,042 km travel in the average European car
4,134 kWh of energy

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

WOMEN IN LIGHTING

X

AYRTON

Ayrton is proud to be a sponsor for Women in Lighting, the international support and networking project for women in both architectural and entertainment lighting.

Ayrton's primary aim is to raise awareness of, and expand, this global network across the entertainment lighting industry.

WOMEN IN LIGHTING

The Women In Lighting project was started in 2019 on 8th March - International Women's Day - by Light Collective, and is supported by Archifos and formalighting.

The object of the project was to create an inspirational digital platform that profiled women working in the field of lighting and lighting design, promoting their passion and achievements, narrating their career path and goals and celebrating their work.

It has challenged the lack of women speaking at conferences, on jury panels and other related opportunities within the lighting industry and aims to increase the profile of women working in lighting to help encourage, support and inspire the next generation.

The project has grown massively since its inception and includes over 160 interviews on its website. Some of these were conducted by Light Collective and others are self submitted. The website also contains interesting reads, a male ally section and a regular blog. The project has global partners in media, conference and events.

Women In Lighting is also supported by individual women in 75 different countries. The WIL ambassadors are a point of contact in each location for anyone seeking to find out more about the project. There are events and activities all over the world, a huge network of connections and a supportive community to join.

WIL also has its own awards programme that celebrates achievements and initiatives from WIL around the world and an annual online conference, the Global Gathering which takes place over 3 different time zones allowing participants to join from where ever they are.

The project is open to all women working in lighting, covering all fields such as architecture, art, entertainment, manufacturing, education, research and journalism. The project has recently started to invite women working in entertainment lighting into the project as previously the project had mostly focussed on women working in architectural lighting. The project now has a new sponsor in Ayrton Lighting enabling an open door to women working in entertainment lighting - stage, TV, concerts, events etc.

This new collaboration started in September 2021 with an online workshop session involving Ayrton and forma and with three new interviews with some amazing women working in entertainment lighting. Check out our conversations on the WIL website with: Mildred M Moyo - Zimbabwe // Anne Militello - USA // Megumi Yatabe - Japan.

Women in Lighting is not only about gender equity. It's also about inclusivity and diversity and how this is beneficial to an industry as a whole.

We look forward to welcoming you into the project.

SCAN FOR MORE

Join Women in Lighting and get involved.
www.womeninlighting.com
womeninlighting@ayrton.eu

WOMEN IN LIGHTING

JOHANNA TOWN
Lighting Designer
Chair of the Association for
Lighting Production & Design

As a female Lighting Designer and Chair of the Association for Lighting Production and Design in the UK I feel this is a very exciting collaboration between Ayrton and WIL.

WIL has brought together some of the most amazing and creative female architectural lighting practitioners, who are creating a global community of support through sharing their work and experiences.

It is very exciting that this collaboration invites the community of live event lighting practitioners to join WIL and make the conversations bigger between all women who love to be creative with light.

"Being a Woman in Lighting every day of the year continually introduces me to brilliant women and people working in the industry who work tirelessly to make a positive difference to the faces we see lighting shows and leading lighting departments across theatre and beyond.

We must inspire future generations of women with stories of our careers, and we must support each other to showcase the great work we achieve in the sector, how rewarding it can be, then hopefully more will see our often hidden roles in a much brighter light."

ZOE SPURR
Lighting Designer

LUCY CARTER
Lighting Designer

When I started working in the industry there were only a few, very select and brilliant women in lighting design for me to look up to. They inspired me to believe I could do it too and they were always my biggest champions.

This partnership between Ayrton and WIL is exciting because the women in entertainment lighting can join a community where we can all support, collaborate and champion each other.

Collectively we can encourage and inspire the emerging women lighting designers and encourage future generations to step into the light.

PAULE CONSTABLE
UK Based Lighting Designer

It is great that Ayrton is stepping into this space and encouraging women who work in entertainment lighting to become part of the brilliant WIL community. Seeing the women featured on the WIL website is hugely exciting and makes me feel less alone. It also makes me wonder about the stories all of those women carry. Of how often they have felt marginalised or overlooked because of their gender.

After 35 years in this industry I wish I could say much has changed – but I still feel the women who do break into the industry are the exception and not the norm. The truth is that often we have survived.

So in this moment, when we have to shift the values we carry as a lighting industry, for the sake of the planet - then this is an opportunity to really shift the picture and challenge the behaviours we have lived with for so long.

Nothing can be as it was. There needs to be a revolution.
And we need to put women, of all races, at the heart of this new world.

AIDEEN MALONE
Lighting Designer

I am a UK based Lighting Designer, having worked in the entertainment industry for over 20 years. While doing a Masters in architectural lighting, I have realised how much the two industries need to learn from each other as technology rapidly develops and diverse representation finally becomes crucial.

When I initially joined the industry, it was so male dominated which made it harder to get established. Although we are still in the minority today, female lighting designer numbers are growing stronger every day.

Women in Lighting is an inspiring organisation making the world aware of how many women are involved in lighting in so many disciplines. I wish such an organisation existed when I was starting off.

WOMEN AT AYRTON

LINNEA LJUNGMARK

We are very excited to team up with Women in Lighting to support the empowerment of women everywhere and, with its global network of ambassadors, where and how they most need it.

Ayrton is very keen to expand this support across the entertainment industry to allow women in lighting greater recognition and the confidence to work in their chosen field with pride.

Ayrton is an international company with a high percentage of women in our team. We know from our contacts with our customers how much of a contribution women lighting designers – and in all roles - make to our industry and want to encourage other women to become involved, express their creativity and use WIL to discover the many different facets of lighting available to them.

KSENIIA IGOSHKINA

Unfortunately, we don't have many women in the lighting industry in general and even fewer in entertainment lighting.

We should be looking at encouraging women to take steps into lighting professions and help raising awareness about gender equality.

And WIL is one of the excellent platforms to grow the network, exchange the experience and get support from colleagues from all around the world.

This community is about equality, internationality, professionalism and sympathy.

SANDRA VALENTIN

There are honestly many reasons to be proud to belong to Ayrton. A pride which causes us to work to the best of our abilities every day. But what is even more motivating is to see that there is always a desire to do better, to be more and more committed, to help further in many areas and many people, and that this is genuine and not just for show.

As a woman, I have unfortunately faced obstacles and discriminations that would never have appeared in front of a man, and knowing that the company I work for invests in valuing women and their work makes me even prouder.

I hope Ayrton continues to lead the way not only in being innovative for its products, but also in empowering women through actions such as supporting Women In Lighting, and that this will set an example for other companies in our mainly male-dominated industry, and even beyond it.

CHUNYAN HOU

At Ayrton, equality is not a concept, it's a fact. Women and men are exchanging in harmony and it's a pleasure to live this on a daily basis.

Women in Ayrton are glad to be with men of quality that turned equality to a company culture.

I just hope that this extraordinary behavior will turn into normal behavior for the whole society in a near future.

MALE ALLIES AT AYRTON

CHRISTOPHER AGIUS FERRANTE

Being part of Women in Lighting is incredibly important as it not only champions women in our industry but also allows us to contribute to ensuring a much needed forum in this rather male dominated industry.

I feel it is only natural for us to be part of the initiative, particularly as we have such a strong group of women at Ayrton, in all areas of our organization.

MICHAEL ALTHAUS

By supporting Women in Lighting, Ayrton is showing its commitment to promoting gender equality and inclusivity across our whole industry. Furthermore, it puts the incredible creativity of our Women in Lighting in the focus.

We believe a global, supportive forum like WIL is a great place for women (and male allies) to share their ideas and encourage others to flourish.

We from AYRTON are very proud to be involved with this excellent project.'

JERAD GARZA

Lighting itself is vastly dynamic, open for interpretation and diverse views, which is what makes it so interesting. For art's sake, we absolutely owe it to ourselves to make sure our industry's influences and expressions come from as broad and rich a group of humans as possible.

Equality in general is the future of our world and it's about time, honestly, that we recognize and foster an environment where all people can thrive, regardless of colour, race, creed, or gender.

BRIAN DOWD

As a father of three young women, Ayrton's support of WIL is very important to me.

Ayrton is the most socially and environmentally forward company I have had the honour to be a part of. Ayrton's participation in WIL can help empower young women lighting professionals to reach for the stars.

JEAN NGUYEN

Ayrton isn't just about lights, it's also about the people behind it. Your gender, binary or non-binary, is not what counts and it should never be. More than ever, it's important to use our voice and channels to empower everyone and hold them up.

Inclusion and diversity is what drives us, being part of Women in Lighting is just part of our journey, because everyone's voice matters and everyone deserves to shine with their own light.

2022

	APRIL	MAY	JUNE
MON			
TUE			
WED			1
THU			2
FRI	1		3 — NAMM, ANAHEIM, USA
SAT	2		4 — NAMM
SUN	3	1	5
MON	4	2	6
TUE	5	3	7
WED	6	4	8
THU	7	5	9 — INFOCOMM, LAS VEGAS, USA
FRI	8	6	10 — INFOCOMM
SAT	9	7	11
SUN	10	8 — THE GET SHOW, GUANGZHOU, CHINA	12
MON	11	9 — THE GET SHOW	13
TUE	12	10 — PLASA, LEEDS, UK / ISE, BARCELONA, SPAIN	14
WED	13	11 — PLASA / ISE	15
THU	14 — EXPO SCENE, MONTREAL, CANADA	12 — ISE	16
FRI	15 — EXPO SCENE	13 — ISE	17
SAT	16	14	18
SUN	17	15	19
MON	18	16	20
TUE	19	17	21
WED	20	18	22
THU	21	19 — TPMEA AWARDS, DUBAI, UAE	23
FRI	22	20	24
SAT	23 — NAB, LAS VEGAS, USA	21	25
SUN	24 — NAB	22	26
MON	25	23 — TPI AWARDS, LONDON, UK	27
TUE	26 — PROLIGHT + SOUND, FRANKFURT, GERMANY	24	28
WED	27 — PROLIGHT + SOUND	25	29
THU	28 — PROLIGHT + SOUND	26 — PALM EXPO, MUMBAI, INDIA	30
FRI	29 — PROLIGHT + SOUND	27 — PALM EXPO	
SAT	30	28	
SUN		29	
MON		30	
TUE		31	

2022

	JULY	AUGUST	SEPTEMBER	
MON		1		
TUE		2		
WED		3		
THU		4	1	
FRI	1	5	2	
SAT	2	6	3	
SUN	3	7	4	**PLASA** LONDON, UK
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TUE	5	9	6	
WED	6	10	7	
THU	7	11	8	
FRI	8	12	9	**IBC** AMSTERDAM, THE NETHERLANDS
SAT	9	13	10	
SUN	10	14	11	
MON	11	15	12	
TUE	12	16	13	
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MON				
TUE				

2022

	OCTOBER	NOVEMBER		DECEMBER
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MON	31			
TUE				

2023

	JANUARY	FEBRUARY	MARCH
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TUE			
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SUN	1	5	5
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MON	30		
TUE	31		

NOTES

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WARRANTY / SERVICE PROCEDURE

FIXTURES

2 years warranty: MAGICPANEL FX, MAGICBLADE FX, MINIPANEL FX, MAGICBURST, MINIBURST, WILDSUN K25 TC, WILDSUN S25, MISTRAL TC, MISTRAL S, GHIBLI TC, GHIBLI S, BORA TC, BORA S, DIABLO TC, DIABLO S, HURACÁN PROFILE TC, HURACÁN PROFILE S, KHAMSIN TC, KHAMSIN S, PERSEO PROFILE TC, PERSEO PROFILE S, LEVANTE TC, LEVANTE S, KARIF LT, DOMINO PROFILE TC, DOMINO PROFILE S, EURUS PROFILE TC, EURUS PROFILE TC, PERSEO BEAM, HURACÁN LT, DOMINO LT, ZONDA 9 WASH, ZONDA 9 FX, COBRA.
2 years warranty, if purchased after Jan 2018: INTELLIPIX XT, MAGICDOT XT, MAGICDOT R, MAGICDOT SX.
All Used and Ex Demo product come with a 90 day warranty.
Warranty starts from date of invoice.

PARTS

2 years warranty: MAGICPANEL FX, MAGICBLADE FX, MINIPANEL FX, MAGICBURST, MINIBURST, WILDSUN K25 TC, WILDSUN S25, MISTRAL TC, MISTRAL S, GHIBLI TC, GHIBLI S, BORA TC, BORA S, DIABLO TC, DIABLO S, HURACÁN PROFILE TC, HURACÁN PROFILE S, KHAMSIN TC, KHAMSIN S, PERSEO PROFILE TC, PERSEO PROFILE S, LEVANTE TC, LEVANTE S, KARIF LT, DOMINO PROFILE TC, DOMINO PROFILE S, EURUS PROFILE TC, EURUS PROFILE TC, PERSEO BEAM, HURACÁN LT, DOMINO LT, ZONDA 9 WASH, ZONDA 9 FX, COBRA.
1 year warranty: INTELLIPIX XT, MAGICDOT XT, MAGICDOT R, MAGICDOT SX.

The below document outlines Ayrton's warranty and service repair procedure.

1. Warranty

a. Product which is under warranty and is faulty out of the box or within 100 hours of use (as defined on the fixture's Total Life Hours counter) can be advanced replaced for a new fixture or spare parts can be sent out, depending on the customer's preference.

    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.

b. 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.

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

d. 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.

e. 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.

f. 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.

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.

For further information please contact the customer service team at **technic@ayrton.eu**

CREDITS

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PEFC™ 10-31-1427

COBRA
unique

Laser 3 Series - Source	Lux at 20 m	Zoom aperture
260 W - 6500 K	**386,000**	**0.6° to 23°**

SCAN FOR MORE

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