

AYRTON 2019



AYRTON
Digital Lighting



HURACÁN-X

1,000 W PROFILE LUMINAIRE

50,000 LUMENS

10:1 ZOOM - 6.2° TO 62°

281 TRILLION COLOURS

VARIABLE CTB, CTO, CTP

CREATIVE GRAPHIC EFFECTS

SLEEK INDUSTRIAL DESIGN



AYRTON
Digital Lighting

www.ayrton.eu

WATCH OUR VIDEOS

Download the **wonderpix** application



Open the **wonderpix** application
Take a picture of the luminaire with your smartphone



LEVANTE-S

010240

300 W wash luminaire

AYRTON now introduces the Levante-S, a dramatically redesigned version of the BORA wash light, and using the same radical concept, designed for its outstanding performance capabilities in the confines of modern stage design. Levante is a marvel of technology that will attract the attention of stage designers. Fitted with a spherical beam of light, Levante-S is a revolutionary system, using 13 lenses and delivering a 300 W beam of light.

franklin.com.au/stagecrafters or by email info@franklin.com.au

OPTICS

- 13 elements
- Beam angle 30°
- 130 mm beam

LIGHT SOURCE

- 25,000 hours
- Lumen 10,000
- Colour temp 10,000 K
- 4000 K
- Beam 30°
- 130 mm beam

POWER

- 300 W
- 100 V

Watch the video



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MISTRAL-S
8-9

MISTRAL-TC
10-11

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MAGICBURST
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SPOT LUMINAIRES

MISTRAL-S

8-9

MISTRAL-TC

10-11



MISTRAL-S

300 W Spot luminaire

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 6.7° 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 6500 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: 6.7° 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: 6500 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT

- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt with 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
- 9 fixed HD glass gobo
- Gobo diameter: 25.0 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
- Sparkle effect: speed and fade adjustment

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: 450 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

- Operating positions: all
- 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: 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

300 W Spot luminaire

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 6.7° 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 5700 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: 6.7° 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: 5700 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 gobo
- Adjustable-speed rotating gobo
- 9 fixed HD glass gobo
- Gobo diameter: 25.0 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
- Sparkle effect: speed and fade adjustment

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: 450 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

- Operating positions: all
- 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

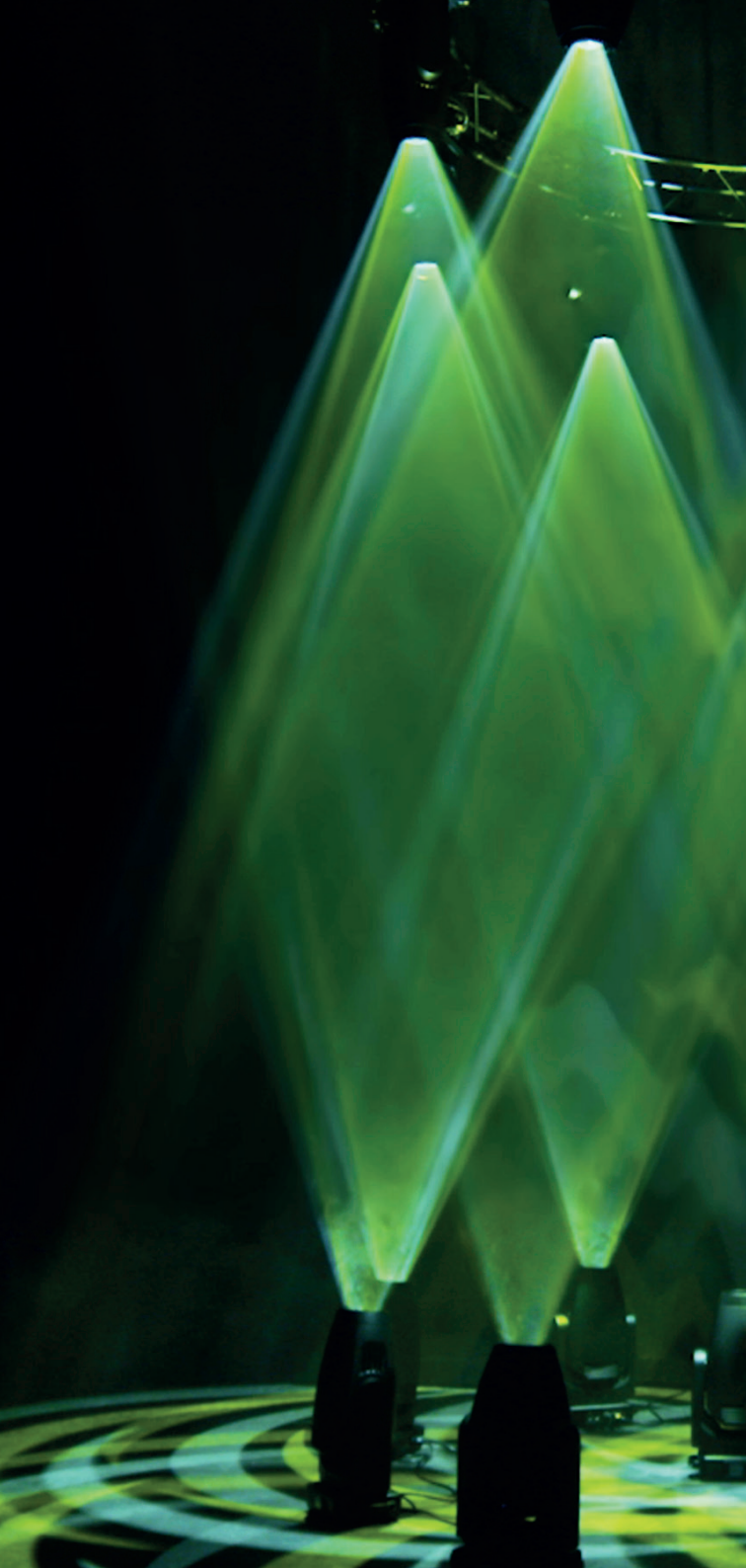
- Product: 365 x 591 x 212 mm (l x h x d)
- Foam: 450 x 620 x 280 mm (l x h x d)

WEIGHT

- Product: 18.9 kg

PRODUCT CODE

- 011250: MISTRAL-TC





PROFILE LUMINAIRES

DIABLO-S

14-15

DIABLO-TC

16-17

GHIBLI-S

18-19

GHIBLI-TC

20-21

KHAMSIN-S

22-23

KHAMSIN-TC

24-25

HURACAN-X

26-27

PERSEO-S

28-29



DIABLO-S

300 W Profile luminaire

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 21.8 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 6.7° 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 6500 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: 6.7° 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: 6500 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT

- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt with 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
- Gobo diameter: 25.0 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
- Sparkle effect: speed and fade adjustment

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

- Operating positions: all
- 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: 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: 21.8 kg

PRODUCT CODE

- 011340: DIABLO-S



DIABLO-TC

300 W Profile luminaire

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 21.8 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 6.7° 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 5700 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: 6.7° 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: 5700 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 gobo
- Adjustable-speed rotating gobo
- Gobo diameter: 25.0 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
- Sparkle effect: speed and fade adjustment

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

- Operating positions: all
- 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: 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: 21.8 kg

PRODUCT CODE

- 011350: DIABLO-TC



GIBLI-S

600 W Profile luminaire

011450

GIBLI-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, GIBLI-S delivering powerful metallic white light with output of 23,000 lumens and a colour temperature of 6500 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 GIBLI-S to offer you a maximum of possibilities. Think versatile. Think Ghibli. Standard features on GIBLI-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. GIBLI-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: 6500 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT

- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt 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 gobo
- Adjustable-speed rotating gobo
- 8 fixed HD glass gobo
- 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
- Sparkle effect: speed and fade adjustment

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

- Operating positions: all
- 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: 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



GIBLI-TC

600 W Profile luminaire

011460

GIBLI-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 7000 K, GIBLI-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 5700 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 GIBLI-TC to offer you a maximum of possibilities. Think versatile. Think Ghibli. Standard features on GIBLI-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. GIBLI-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 7000 K light engine
- Luminaire output: up to 17,000 lumens
- Colour temperature output: 5700 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 gobo
- Adjustable-speed rotating gobo
- 8 fixed HD glass gobo
- 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
- Sparkle effect: speed and fade adjustment

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

- Operating positions: all
- 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: 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



KHAM SIN-S

750 W Profile luminaire

011640

AYRTON has once again pushed the limits with a newly designed “profile” luminaire... KHAM SIN-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.

KHAM SIN-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 6500 K. Feature-rich from the factory, KHAM SIN-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. KHAM SIN-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: 6500 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT

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

COLOURS

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

GOBOS

- 12 indexable rotating HD glass gobo
- 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
- Sparkle effect: speed and fade adjustment

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

- Operating positions: all
- 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: 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



KHAM SIN-TC

750 W Profile luminaire

011650

AYRTON has once again pushed the limits with a newly designed “profile” luminaire... KHAM SIN-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, KHAM SIN-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 5700 K. Feature-rich from the factory, KHAM SIN-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. KHAM SIN-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: 5700 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 gobo
- 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
- Sparkle effect: speed and fade adjustment

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

- Operating positions: all
- 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: 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



HURACÁN-X

1,000 W Profile luminaire

011860

HURACÁN-X 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 1,000 W LED module, HURACÁN-X produces record output of 50,000 lumens at a colour temperature of 6500 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 10000 K and offers noticeable CRI improvement. Designed to project complex graphical effects, HURACÁN-X 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 6.2° to 62°.

HURACÁN-X 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-X 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-X 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-X is the ultimate graphical tool for applications requiring power and refinement.

OPTICS

- 13-element 10:1 zoom
- Beam aperture: 6.2° to 62°
- 178 mm frontal lens

LIGHT SOURCE

- 75,000 lumens 8000 K light engine
- Luminaire output: up to 50,000 lumens
- Colour temperature output: 6500 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT

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

COLOURS

- Double sophisticated CMY colour mixing
- Variable CTB, CTO, CTP
- 6 complementary colours

GOBOS

- 2 indexable rotating double layer cassette
- 12 indexable rotating HD glass gobo
- 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
- Sparkle effect: speed and fade adjustment

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: 1,400 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

- Operating positions: all
- 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: 494 x 832 x 302 mm (l x h x d)
- Foam: 710 x 575 x 650 mm (l x h x d)

WEIGHT

- Product: 44.0 kg

PRODUCT CODE

- 011860: HURACÁN-X



PERSEO-S

500 W IP65 Profile luminaire

012440

PERSEO-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 27,000 lumens. AYRTON has specifically developed the optics in PERSEO-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 56°. 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-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-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-S presents a sleeker, updated, industrial design, with perfectly straightened yoke arms, a minimalist base and a new water-resistant menu navigation system. PERSEO-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 56°
- 148 mm frontal lens

LIGHT SOURCE

- 40,000 lumens 8000 K light engine
- Luminaire output: up to 27,000 lumens
- Colour temperature output: 6500 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT

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

COLOURS

- Sophisticated CMY colour mixing
- Variable CTO
- 6 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 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
- Sparkle effect: speed and fade adjustment

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 etherCON RJ45 connectors
- IP65 powerCON TRUE1 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: 900 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

- Operating positions: all
- 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: 490 x 710 x 329 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-S





WASH LUMINAIRES

MERAK-CS

32-33

LEVANTE-S

34-35

LEVANTE-TC

36-37

BORA-S

38-39

BORA-TC

40-41

NANDOBEAM-S3

42-43

NANDOBEAM-S6

44-45

NANDOBEAM-S9

46-47

WILDSUN-K25 TC

48-49

WILDSUN-S25

50-51



MERAK-CS

250 W Wash luminaire

010150

AYRTON's new MERAK-CS is a powerhouse of technology that features a proprietary 10:1 optical zoom system, combined with a 250 W low-etendue, RGBW multichip LED module. The 7° to 70° zoom employs light pipe technology paired with a new textured Fresnel lens design to ensure perfectly homogenous colour mixing regardless of the colour combination selected. With its single-source transmitting lens, MERAK-CS casts wonderfully crisp light and shadows. The fixture is also equipped with a de-focusable rotating beam shaping optic.

MERAK-CS puts new technology to great use with a next-generation power supply that incorporates active power factor correction (PFC) and a DC/DC converter in an ultra compact module for more than 95 percent efficiency. A new liquid cooling system is also employed, which permits the fixture to operate in all positions. These innovations allow the LED emitters to be run at full power continuously without any loss of performance. To celebrate AYRTON's 15th Anniversary, MERAK-CS presents a sleeker, updated, industrial design, with perfectly straightened yoke arms, and minimalist base, as well as a new menu navigation system using a single control wheel. MERAK-CS can be controlled via DMX-512 w/RDM, or a wireless link using CRMX TiMo RDM from LumenRadio™.

OPTICS

- 2-element 10:1 zoom
- Beam aperture: 7° to 70°
- 168 mm frontal lens

LIGHT SOURCE

- 8,000 lumens RGBW LED source
- Luminaire output: up to 4,500 lumens
- Luminous intensity: 200,000 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: 540° (pan), 270° (tilt)

COLOURS

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

EFFECT

- Rotating beam shaping optic
- De-focusable and indexable

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 (18 to 28 DMX channels)

POWER SUPPLY

- 100 to 240 Volts – 50/60 Hz
- Power: 400 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

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

COMPLIANCE

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

SIZE

- Product: 365 x 555 x 212 mm (l x h x d)
- Foam: 450 x 585 x 280 mm (l x h x d)

WEIGHT

- Product: 13.8 kg

PRODUCT CODE

- 010150: MERAK-CS



LEVANTE-S

300 W Wash luminaire

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 9:1 and an impressive zoom range from 6.3° to 58°. 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 6500 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 9:1 zoom
- Beam aperture: 6.3° to 58°
- 138 mm frontal lens

LIGHT SOURCE

- 26,500 lumens 8000 K light engine
- Luminaire output: up to 20,000 lumens
- Colour temperature output: 6500 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT

- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt 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: 25.0 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

EFFECT

- Sparkle effect: speed and fade adjustment

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

- Operating positions: all
- 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: 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: 22.0 kg

PRODUCT CODE

- 010240: LEVANTE-S



LEVANTE-TC

300 W Wash luminaire

010250

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 9:1 and an impressive zoom range from 6.3° to 58°. 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 9:1 zoom
- Beam aperture: 6.3° to 58°
- 138 mm frontal lens

LIGHT SOURCE

- 20,500 lumens 7000 K light engine
- Luminaire output: up to 15,000 lumens
- Colour temperature output: 5700 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: 25.0 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

EFFECT

- Sparkle effect: speed and fade adjustment

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

- Operating positions: all
- 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: 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: 22.0 kg

PRODUCT CODE

- 010250: LEVANTE-TC



BORA-S

750 W Wash luminaire

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 42,000 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 42,000 lumens
- Colour temperature output: 6500 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT

- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt 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: 34.0 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

EFFECT

- Sparkle effect: speed and fade adjustment

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

- Operating positions: all
- 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: 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



BORA-TC

750 W Wash luminaire

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: 5700 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: 34.0 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

EFFECT

- Sparkle effect: speed and fade adjustment

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

- Operating positions: all
- 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: 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



NANDOBEAM-S3

300 W Wash luminaire

013350

NANDOBEAM-S3 is a powerful and ultra-fast moving-head in a compact housing. Its advanced and highly efficient proprietary optical system, coupled with state-of-the-art 15 W RGBW LED emitters, delivers an 8° narrow beam as well as 40° wide coverage. The quality of its colour-mixing makes the NANDOBEAM-S3 capable of handling even the most demanding environments. The choice of light sources and colour selection was made in collaboration with lighting designers to meet the needs of the entertainment industry. The main benefit of the optical zoom system, which was developed especially for the NANDOBEAM product line, is a constant efficiency regardless of the zoom aperture: NANDOBEAM-S3 delivers a 4,000 lumens output across its full beam range.

Its narrow angle gives a particularly effective and very powerful tight beam, while its wide angle works well for wash purposes, making NANDOBEAM-S3 the perfect lighting tool for a wide range of applications. NANDOBEAM-S3's arrangement of two rings of individually controlled LED emitters around a central LED renders it extremely versatile when operated in Expanded Full Colour mode. Effects capabilities can be coupled with Beam, Wash or Matrix applications to produce superb results whether performing in front of the audience or camera. NANDOBEAM-S3 is equipped with new generation three-phase stepper motors that allow the quick and precise movement essential for NANDOBEAM-S3's performance. These extremely compact new motors fit perfectly into the minimalist design of the luminaire.

OPTICS

- 2-element 5:1 zoom
- Beam aperture: 8° to 40°
- 170 mm front lenses cluster

LIGHT SOURCE

- 19 x 500 lumens RGBW LED source
- Luminaire output: up to 4,000 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 billion colours (8 bit resolution)
- Virtual colour wheel
- Dynamic colour macro effect

EFFECTS

- 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 (17 to 28 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

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

OPERATING PARAMETERS

- Operating positions: all
- 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: 288 x 380 x 220 mm (l x h x d)
- Foam: 350 x 410 x 280 mm (l x h x d)

WEIGHT

- Product: 9.1 kg

PRODUCT CODE

- 013350: NANDOBEAM-S3



NANOBEBEAM-S6

600 W Wash luminaire

013450

NANOBEBEAM-S6 is a very powerful and ultra-fast new generation moving-head fixture in a compact housing. Its advanced and highly efficient proprietary optical system coupled with powerful 15 W RGBW LED sources provide a narrow 8° beam as well as wide 40 °Coverage. NANOBEBEAM-S6's thirty-seven 15 W LED are cooled by a heatpipe equipped with heat-transfer fluids and heat-exchange material. This advanced cooling technology gives an extended LED lifetime, quiet operation and maximum light source efficiency. A 6,000 lumens output at its 8° angle makes NANOBEBEAM-S6 the perfect lighting tool for use as a beamlight moving-head. Its wide angle capabilities of up to 40° coupled with the same 6,000 lumens light output as its narrow beam angle gives great washlight potential. NANOBEBEAM-S6 is equipped with new generation three phase stepper motors that allow quick and precise movement essential for this type of application. Very compact, these new motors fit perfectly into the minimalist design of the luminaire.

The high quality of its colour-mixing makes NANOBEBEAM-S6 suitable for the most demanding environments. ANDRÉ's legendary consistency and quality of colour coupled with total control of its beam dispersion at any angle makes NANOBEBEAM-S6 perfect for TV studios and stage, while low noise levels and accuracy of movement make it equally suited to events. NANOBEBEAM-S6 is equally happy in front of an audience or a camera. Operated in Expanded Full Colour mode its 3 rings of LED emitters gathered around a central LED can be individually controlled or used with onboard effects to become a very versatile beamlight, washlight or matrix tool. NANOBEBEAM-S6 is a versatile product that integrates a faster , new generation 32-bit circuit board and benefits from extensive connectivity and can be controlled by DMX-RDM, ArtNet™ or via LumenRadio™ DMX-RDM wireless connection

OPTICS

- 2-element 5:1 zoom
- Beam aperture: 8° to 40°
- 210 mm front lenses cluster

LIGHT SOURCE

- 37 x 500 lumens RGBW LED source
- Luminaire output: up to 6,000 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 billion colours (8 bit resolution)
- Virtual colour wheel
- Dynamic colour macro effect

EFFECTS

- 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 (17 to 32 DMX channels)

POWER SUPPLY

- 100 to 240 Volts – 50/60 Hz
- Power: 650 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

- Operating positions: all
- 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: 352 x 467 x 267 mm (l x h x d)
- Foam: 410 x 500 x 330 mm (l x h x d)

WEIGHT

- Product: 13.9 kg

PRODUCT CODE

- 013450: NANDOBEAM-S6



NANOBEAM-S9

900 W Wash luminaire

013550

NANOBEAM-S9 luminaire is the latest development and the most powerful fixture in the NANOBEAM product line. Equipped with a new-generation power supply offering over 95% total output efficiency, this power feature enables the highly compact luminaire to use its LED sources continuously at full power without any loss of performance. NANOBEAM-S9 is equipped with fifty-five high-performance Osram 15 W RGBW LED emitters arranged in 4 rings around a central LED which is independently controllable to give a multitude of graphic effects possibilities.

AYRTON has put utmost care into the design and selection of materials when it developed its 5:1 optical zoom. AYRTON has equipped the luminaire with a solid cluster of 55 lenses to help reduce its diameter and optimize its design. A double honeycomb system has been introduced to enhance contrast and eliminate stray reflections. The wide 8° to 40° adjustable zoom-spread makes NANOBEAM-S9 highly versatile. NANOBEAM-S9 is fitted with an active cooling system that uses heat transfer fluid with phase change to enable heavy use under extreme conditions. A 975 W high-output LED power supply, an optical output of 280 mm, and a high-performance cooling system have gone into the creation of a very powerful product that offers high-level performance in an ultra-compact design.

OPTICS

- 2-element 5:1 zoom
- Beam aperture: 8° to 40°
- 280 mm front lenses cluster

LIGHT SOURCE

- 55 x 500 lumens RGBW LED source
- Luminaire output: up to 12,000 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 billion colours (8 bit resolution)
- Virtual colour wheel
- Dynamic colour macro effect

EFFECTS

- 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 (17 to 36 DMX channels)

POWER SUPPLY

- 100 to 240 Volts – 50/60 Hz
- Power: 1,100 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

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

OPERATING PARAMETERS

- Operating positions: all
- 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: 412 x 546 x 307 mm (l x h x d)
- Foam: 510 x 590 x 370 mm (l x h x d)

WEIGHT

- Product: 21.1 kg

PRODUCT CODE

- 013550: NANDOBEAM-S9



WILDSUN-K25 TC

1,300 W Wash luminaire

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 60,000 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), 270° (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

- Operating positions: all
- 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



WILDSUN-S25

1,300 W Wash luminaire

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), 270° (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

- Operating positions: all
- 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: 38.0 kg

PRODUCT CODE

- 013840: WILDSUN-S25



CREATIVE SOLUTIONS

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VERSAPIX-RS

Creative Solution

018550

VERSAPIX, a contraction of versatile and pixel, is a veritable fan of light. Brilliantly evolved from the VERSAPIX 100 concept first introduced in 2012, the VERSAPIX-RS is the first in the new ultra-radical "RS" product series. A new 40 W reduced-scale multi-chip RGBW LED emitter has been combined with innovative 94 mm diameter high-efficiency optics. Once again pushing the limits, this luminaire can generate an ultra-powerful 3.5° beam with a record-breaking centre-beam intensity of 200 candela per lumen. With three times more power and six times more centre-beam intensity, the VERSAPIX-RS offers infinite possibilities for creating 3D volumetric lighting effects regardless of the ambient light conditions.

Because of its configuration and power, the VERSAPIX-RS required the development of a specific new cooling system for each of the emitters that evacuates the air at the edges of the optics while preventing haze and dust contamination. The VERSAPIX-RS, the most mobile of the fixed luminaires, was designed to be modular, with five emitters in a fan-shaped 90° arrangement, enabling independent control of each of the emitters. This offers a range of installation possibilities, such as combining the luminaires to create complex shapes (disks, spheres, cylinders, etc.) or using individual luminaires in a variety of architectural configurations. With the VERSAPIX-RS, your imagination is the limit.

OPTICS

- Beam aperture: 3.5°
- 82% optic efficiency
- 5 x 94 mm PMMA collimator optic

LIGHT SOURCE

- 5 x 1,000 lumens RGBW LED source
- Luminaire output: up to 4,000 lumens
- 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 29 DMX channels)

POWER SUPPLY

- 100 to 240 Volts – 50/60 Hz
- Power: 250 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)
- Double yoke in aluminium
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION

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

OPERATING PARAMETERS

- Operating positions: all
- 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: 676 x 300 x 285 mm (l x h x d)
- Foam: 750 x 325 x 220 mm (l x h x d)

WEIGHT

- Product: 8.7 kg

PRODUCT CODE

- 018550: VERSAPIX-RS



INTELLIPIX-XT

Creative solution

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

- Operating positions: all
- 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



MAGICDOT-R

Creative solution

015150

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 mm². 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

- Operating positions: all
- 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 solution

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

- Operating positions: all
- 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

015170

Creative solution

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

- Operating positions: all
- 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



MAGICBLADE-FX

Creative solution

015350

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 3.6° to 53°. 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

- Operating positions: all
- 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: 13.0 kg

PRODUCT CODE

- 015350: MAGICBLADE-FX



MINIPANEL-FX

015450

Creative solution

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 2400 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

- Operating positions: all
- 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



MAGICPANEL-FX

015670

Creative solution

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

- Operating positions: all
- 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



COSMOPIX-R

015750

Creative solution

The COSMOPIX-R is an entirely new luminaire based on the concept of the famous double-rotation spheres with PAR36 lamps, dating back to the early '80s. Using the latest technology and a variety of options for controlling the new multi-chip RGBW LED emitters, AYRTON has equipped this luminaire with new high-efficiency 94 mm optics and revamped this legendary product design, endowing it with a continuous combination of potential effects. As with the entire RADICAL product line, the COSMOPIX-R has a powerful beam of under 5° with a centre-beam luminous intensity of over 100 candelas per lumen. Fitted with 12 separately-controlled 60 W light emitters in a 12-face arrangement and continuous double rotation on the pan and tilt axes, the COSMOPIX-R will inspire lighting designers to create revolutionary new effects.

The powerful light emitters, arranged in a regular pattern over the entire surface of the COSMOPIX-R sphere, required the development of a specific new cooling system for each of the emitters that evacuates the air at the edges of the optics while preventing dust contamination (patent pending). To make this complex luminaire easier and quicker to implement, AYRTON has provided internal macros to provide the user with a number of pre-programmed configurable effects. The COSMOPIX-R has extended series connectivity and can be managed by DMX-RDM, ArtNet or wireless DMX-RDM link via a new-generation TiMo™ module by LumenRadio™.

OPTICS

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

LIGHT SOURCE

- 12 x 2,000 lumens RGBW LED source
- Luminaire output: up to 20,400 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 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 (18 to 64 DMX channels)

POWER SUPPLY

- 100 to 240 Volts – 50/60 Hz
- Power: 800 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

- Operating positions: all
- 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: 427 x 585 x 352 mm (l x h x d)
- Foam: 488 x 602 x 421 mm (l x h x d)

WEIGHT

- Product: 25.1 kg

PRODUCT CODE

- 015750: COSMOPIX-R



ALIENPIX-RS

Creative solution

015850

ALIENPIX-RS is a conceptual multi-rotational luminaire based on designs by an Italian manufacturer in the '80s (patent pending). After four years of development and numerous preliminary iterations, the final product is finally ready for release! Five spot heads on the edge of the central disk can be controlled individually in continuous, unlimited, rotation. The continuous, unlimited rotation of the main disk, and the pan and tilt movement, are controlled by powerful tri-phase stepper motors that allow fast, accurate and silent positioning. The six ultra-powerful, low-etendue, RGBW multichip LED emitters can be controlled individually. The member of AYRTON's new "RS" product line, ALIENPIX-RS has a powerful 3.5° beam with a centre-beam luminous intensity of over 180 candelas per lumen.

ALIENPIX-RS offers several control modes to suit the user's preferences and programming constraints. Basic mode provides access to a library of pre-programmed effects. In Extended mode, the user can access all functionalities and control each LED separately. ALIENPIX-RS has series connectivity and can be driven by DMX-RDM, Art-Net™ or a wireless DMX-RDM link via a new-generation TiMo module from LumenRadio™. ALIENPIX-RS allows you to create revolutionary new volumetric 3D effects. The only limit is your imagination!

OPTICS

- Beam aperture: 3.5°
- 85% optic efficiency
- 6 x 94 mm PMMA collimator optic

LIGHT SOURCE

- 6 x 1,000 lumens RGBW LED source
- Luminaire output: up to 5,100 lumens
- Luminous intensity: 1,080,000 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: 8 independent infinite 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
- 5 DMX modes (16 to 52 DMX channels)

POWER SUPPLY

- 100 to 240 Volts – 50/60 Hz
- Power: 450 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

- Operating positions: all
- 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: 547 x 681 x 348 mm (l x h x d)
- Foam: 627 x 725 x 414 mm (l x h x d)

WEIGHT

- Product: 29.8 kg

PRODUCT CODE

- 015850: ALIENPIX-RS



MINIBURST

016650

Creative solution

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

- Operating positions: all
- 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 solution

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

- Operating positions: all
- 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





IMAGING DISPLAYS

DREAMPANEL SHIFT

80-81

DREAMPANEL TWIN

82-83

DREAMPANEL HD-BOX

84-85



DREAMPANEL SHIFT

Imagine display

017450

The DREAMPANEL SHIFT is the magic blend of two technologies: the continuous pan-tilt rotation of the MAGICPANEL and the new control system from the HDMI DREAMPANEL HD-BOX (patent pending). An innovative 48 circuits rotating connector has been developed to enable the smooth, undisturbed transmission of video signals through pan & tilt rotation. The DREAMPANEL SHIFT was designed with an entirely new type of RGB LED whose flat black casing and internal reflector provide absolute contrast and allow for breathtaking graphic effects, while avoiding stray reflections from the other light emitters. The 6 mm pitch of the DREAMPANEL SHIFT offers the perfect balance of definition required to display video media on stage, of screen size for enabling full HD, and of overall system brightness.

Each DREAMPANEL SHIFT tile receives the entire HDMI 1080P image but displays only its allotted portion of the image. The HDMI luminaires can be daisy-chained in any order without any concern for lines and rows. The HDMI DREAMPANEL MANAGER software allows the overall system parameters to be set for any desired configuration. Because each tile can be set with its own orientation inside the overall image, the user is able to create highly complex shapes. As with the MAGICPANEL-R, pan & tilt movement can be controlled through Art-Net or sACN via an Ethernet link.

LIGHT SOURCE

- 4,096 multi-chip RGB LED source
- Pixel resolution: 64 x 64
- Pixel pitch: 6 mm
- Brightness: 3,500 nit (cd/m²)
- 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

- 16.7 million colours
- 8 bit colour control
- 14 bit internal colour control
- Colour calibration of each pixel

SOFTWARE FEATURES

- Panel control via DREAMPANEL HD-BOX
- Geometric configuration via software

HARDWARE FEATURES

- Graphic LCD display with flip function
- 6 menu buttons to set the functions
- Integrated LumenRadio™ receiver
- Neutrik® HDMI 1.3a connectors
- etherCON RJ45 connectors
- powerCON TRUE1 connectors

CONTROL

- DMX 512 protocol
- DMX-RDM compatible
- ArtNet™ & sACN protocol
- HDMI compatible
- Local control panel
- 3 DMX modes (6 to 8 DMX channels)

POWER SUPPLY

- 100 to 240 Volts – 50/60 Hz
- Power: 200 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

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

COMPLIANCE

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

SIZE

- Product: 473 x 641 x 407 mm (l x h x d)
- Foam: 559 x 662 x 367 mm (l x h x d)

WEIGHT

- Product: 15.6 kg

PRODUCT CODE

- 017450: DREAMPANEL SHIFT



DREAMPANEL TWIN

017550

Imagine display

The DREAMPANEL TWIN is a hybrid luminaire with the MAGICPANEL on one side and the DREAMPANEL SHIFT on the other. Capable of continuous double rotation on the pan and tilt axes, the DREAMPANEL TWIN can alternate between displaying high-definition video images and 3D volumetric lighting effects. The 6 mm pitch of the video side offers the perfect balance of definition required to display video media on stage, of screen size for enabling full HD, and of overall system brightness. The MAGICPANEL side has improved resolution thanks to an 8 x 8 matrix featuring patented 45 mm diameter collimators that can obtain a full 6° angle and centre-beam luminous intensity of over 73 candelas per lumen, a record achievement.

The innovative 45 mm optics enable the DREAMPANEL TWIN to achieve almost the same performance as the MAGICPANEL-R by offering a much higher 64-pixel resolution, ideal for mapping effects. The video side uses the same array as the DREAMPANEL SHIFT and is equipped with 4,096 RGB LED emitters. Their black casing and internal reflector provide absolute contrast and allow for breathtaking graphic effects, while avoiding stray reflections from the other emitters. The two sides are controlled completely separately-the video side through the entirely new HDMI DREAMPANEL HD-BOX control system, whilst the MAGICPANEL side used for 3D volumetric effects, along with the pan and tilt movement, is managed by Art-Net or sACN through an Ethernet link.

OPTICS

Creative solution side

- Beam aperture: 6°
- 85% optic efficiency
- 64 x 45 mm PMMA collimator optic

LIGHT SOURCE

Creative solution side

- 64 x 500 lumens RGBW LED source
- Luminaire output: up to 25,000 lumens
- Luminous intensity: 1,775,000 cd

Imaging display side

- 4,096 multi-chip RGB LED source
- Pixel resolution: 64 x 64
- Pixel pitch: 6 mm
- Brightness: 3,500 nit (cd/m2)

Imaging display side

& Creative solution side

- 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

Creative solution side

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

Imaging display side

- 16.7 million colours
- 8 bit colour control
- 14 bit internal colour control
- Colour calibration of each pixel

EFFECTS

Creative solution side

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

DIMMER / STROBE

Creative solution side

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

SOFTWARE FEATURES

Imaging display side

- Panel control via DREAMPANEL HD-BOX
- Geometric configuration via software

HARDWARE FEATURES

- Graphic LCD display with flip function
- 6 menu buttons to set the functions
- Integrated LumenRadio™ receiver
- Neutrik® HDMI 1.3a connectors
- etherCON RJ45 connectors
- powerCON TRUE1 connectors

CONTROL

- DMX 512 protocol
- DMX-RDM compatible
- ArtNet™ & sACN protocol
- HDMI compatible
- Local control panel
- 4 DMX modes (18 to 272 DMX channels)

POWER SUPPLY

- 100 to 240 Volts – 50/60 Hz
- Power: 1,100 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

- Operating positions: all
- Maximum temperature: 45 °C (113 °F)
- Minimum temperature: -10 °C (14 °F)
- Minimum usage distance: 2.5 m (8.20 ft)

COMPLIANCE

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

SIZE

- Product: 473 x 641 x 407 mm (l x h x d)
- Foam: 559 x 662 x 367 mm (l x h x d)

WEIGHT

- Product: 23.8 kg

PRODUCT CODE

- 017550: DREAMPANEL TWIN



DREAMPANEL HD-BOX

Imagine display

028830

The DREAMPANEL HD-BOX is at the heart of the system for the Imaging Display line. It controls the entire DREAMPANEL family of products. The DREAMPANEL HD-BOX receives the video signal, manages the entire system, and enables pixel-precise positioning of the tiles on a 1920 x 1080 pixel screen with real-time updating. The advanced management system of the DREAMPANEL HD-BOX centralises all the screen settings without requiring any individual configuration of the tiles themselves and accepts a large range of resolutions and input formats (DVI-D or HDMI), thus eliminating the need for external converters. A DMX-512 input allows the user to control certain functions through an external console.

The DREAMPANEL HD-BOX is fitted with USB and Ethernet ports so that a PC can be connected for setting parameters. The HDMI DREAMPANEL MANAGER software is fully Windows-compatible, enabling the user to configure the DREAMPANEL screen. The MANAGER can also be easily used to perform a remote update of the DREAMPANEL HD-BOX software and of any type of screen in the DREAMPANEL family that uses the HDMI format. Fitted with an integrated video output, several DREAMPANEL HD-BOX luminaires can be daisy-chained for controlling screens of over 1920 x 1080 pixels. The DREAMPANEL HD-BOX is compatible with media transmission systems that use DVI-D or HDMI computer video output and that have the ability to resize as well as rotate a transmitted image.

VIDEO INPUTS

2 x HDMI input

- 720p, 1080i, 1080p @ 50 Hz & 60 Hz
- EDID version 1.3 compatible
- Not supported: HDCP, CEC

2 x DVI-D input

- Up to 1920 x 1080 @ 60 Hz
- EDID version 1.3 compatible
- Not supported: HDCP, CEC

VIDEO OUTPUTS

4 x Neutrik® HDMI 1.3a connectors

- Proprietary AYRTON format
- Large displays using multiple outputs
- HDMI cable length up to 40m

1 x Neutrik® HDMI 1.3a connector

- 1080p preview monitor

REMOTE CONTROL

- Management from Windows software
- 1 x Ethernet RJ-45 connector
- 1 x USB-B connector

INTERNAL PROCESSING

- 12 bits per colour
- Canvas size: 1920 x 1080 pixels
- System latency: 4 frames
- Image rotation capabilities: 360° by step of 1°

HARDWARE FACILITIES

- Graphic LCD display with flip function
- Status monitoring in the front panel
- powerCON TRUE1 connector

POWER SUPPLY

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

HOUSING

- Rack 19"-2U in steel metal plates
- Front panel in extruded aluminium
- IP20 protection rating
- Exterior finish: black (Carbon)

OPERATING PARAMETERS

- Operating positions: mounted in a 19" rack
- Maximum temperature: 45 °C (113 °F)
- Minimum temperature: -10 °C (14 °F)

COMPLIANCE

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

SIZE

- Rack 19" - 2U
- Product: 481 x 88 x 295 mm (l x h x d)

WEIGHT

- Product: 4.3 kg

PRODUCT CODE

- 028830: DREAMPANEL HD-BOX





TECHNICAL SPECIFICATIONS

SPOT LUMINAIRES
88

PROFILE LUMINAIRES
88-90

WASH LUMINAIRES
90-93

CREATIVE SOLUTIONS
94-98

IMAGING DISPLAYS
99

SPOT LUMINAIRES

PROFILE LUMINAIRES



MISTRAL-S MISTRAL-TC DIABLO-S DIABLO-TC

Optics					
Optic Size / Diameter	119 mm front lens		119 mm front lens		
Beam Aperture	6.7° to 53°		6.7° to 53°		
Zoom Elements / Range	13-elements / 8:1		13-elements / 8:1		
Light Source					
Architecture	White Light Engine		White Light Engine		
Light Engine Power	300 W		300 W		
Light Engine Output (lm)	26,000	21,000	26,500	20,500	
Light Engine Colour Temperature (K)	8000	7000	8000	7000	
Luminaire Output (lm)	18,000	14,000	19,000	14,000	
Luminaire Colour Temperature (K)	6500	5700	6500	5700	
Native Colour Rendering Index	>70	>90	>70	>90	
Movement					
Rotation Type / Range	Pan 540° - Tilt 270°		Pan 540° - Tilt 270°		
Colours					
Colour Mixing	CMY		CMY		
Fixed Colours (number/wheel)	7 colours / 1 Wheel		7 colours / 1 Wheel		
Gobos/Effects					
Fixed Gobos (number/wheel)	9 Gobos / 1 Wheel		No		
Rotating Gobos (number/wheel)	7 Gobos / 1 Wheel		7 Gobos / 1 Wheel		
Gobo type / Size (mm) / Image (mm)	HD Glass / 25 / 20		HD Glass / 25 / 20		
4 blades Framing System	No		4 focal planes / Integral		
Graphic Animation Wheel (type)	Yes / Continuous		Yes / Continuous		
Rotating Effect	5-facet circular Prism		5-facet circular Prism		
Frost filter	Yes / Light Frost		Yes / Light 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	No		No		
Input/Output Power Connector	powerCON TRUE1		powerCON TRUE1		
Control					
Data Protocol	DMX 512 - RDM		DMX 512 - RDM		
Ethernet Protocol	No		No		
Channel Control	26 to 39		34 to 56		
Electronic Power Supply					
Range	100 to 240 Volts		100 to 240 Volts		
Power Consumption Maximum	450 W		550 W		
Dimensions & Weight					
Luminaire Dimensions (mm)	365 x 591 x 212		365 x 591 x 212		
Flight-case Foam Dimensions (mm)	450 x 620 x 280		430 x 660 x 280		
Weight (kg)	18.9		21.8		
Product Code					
Standard Colour	011240	011250	011340	011350	

PROFILE LUMAIRES



GHIBLI-S

GHIBLI-TC

KHAMSIN-S

KHAMSIN-TC

HURACÁN-X

	137 mm front lens		158 mm front lens		178 mm front lens	
	7° to 56°		7° to 58°		6.2° to 62°	
	13-elements / 8:1		13-elements / 8:1		13-elements / 10:1	
	White Light Engine		White Light Engine		White Light Engine	
	600 W		750 W		1,000 W	
	36,000	26,000	60,000	48,000	75,000	
	8000	7000	8000	7000	8000	
	23,000	17,000	40,000	31,000	50,000	
	6500	5700	6500	5700	6500	
	>70	>90	>70	>90	>70	
	Pan 540° - Tilt 270°		Pan 540° - Tilt 270°		Pan 540° - Tilt 270°	
	CMY		CMY		Double CMY	
	6 colours / 1 Wheel		6 colours / 1 Wheel		6 colours / 1 Wheel	
	8 Gobos / 1 Wheel		No		No	
	7 Gobos / 1 Wheel		12 Gobos / 2 Wheels		12 Gobos / 2 Effects / 2 Wheels	
	HD Glass / 30 / 22		HD Glass / 34 / 24		HD Glass / 30 / 25	
	4 focal planes / Integral		4 focal planes / Integral		4 focal planes / Integral	
	Yes / Continuous		Yes / Continuous		1 Colour / 1 Monochromatic	
	5-facet circular 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		Clicking Jog Wheel		Clicking Jog Wheel	
	LumenRadio CRMX TiMo		LumenRadio CRMX TiMo		LumenRadio CRMX TiMo	
	XLR-5		XLR-5		XLR-5	
	etherCON CAT5		etherCON CAT5		etherCON CAT5	
	powerCON TRUE1		powerCON TRUE1		powerCON TRUE1	
	DMX 512 - RDM		DMX 512 - RDM		DMX 512 - RDM	
	ArtNet - sACN		ArtNet - sACN		ArtNet - sACN	
	36 to 58		40 to 64		44 to 70	
	100 to 240 Volts		120 to 240 Volts		120 to 240 Volts	
	800 W		1,150 W		1,400 W	
	468 X 734 X 280		494 x 778 x 280		494 x 832 x 302	
	655 x 590 x 555		655 x 590 x 555		710 x 575 x 650	
	35.6		39.8		44.0	
	011450	011460	011640	011650	011860	

PROFILE LUMINAIRES

WASH LUMINAIRES



PERSEO-S



MERAK-CS

Optics			
Optic Size / Diameter	148 mm front lens	168 mm front lens	
Beam Aperture	7° to 56°	7° to 70°	
Zoom Elements / Range	13-elements / 8:1	Fresnel lens / 10:1	
Light Source			
Architecture	White Light Engine	RGBW LED Module	
Light Engine Power	500 W	250 W	
Light Engine Output (lm)	40,000	8,000	
Light Engine Colour Temperature (K)	8000	-	
Luminaire Output (lm)	27,000	4,500	
Luminaire Colour Temperature (K)	6500	-	
Native Colour Rendering Index	>70	-	
Movement			
Rotation Type / Range	Pan 540° - Tilt 270°	Pan 540° - Tilt 270°	
Colours			
Colour Mixing	CMY	RGBW	
Fixed Colours (number/wheel)	6 colours / 1 Wheel	Yes / Virtual	
Gobos/Effects			
Fixed Gobos (number/wheel)	11 Gobos / 1 Wheel	No	
Rotating Gobos (number/wheel)	7 Gobos / 1 Wheel	No	
Gobo type / Size (mm) / Image (mm)	HD Glass / 27 / 22	-	
4 blades Framing System	4 focal planes / Integral	No	
Graphic Animation Wheel (type)	Yes / Continuous	No	
Rotating Effect	1 circular & 1 linear Prism	Beam shaping optic	
Frost filter	1 light & 1 heavy Frost	No	
Iris Diaphragme	Yes	No	
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	IP65 XLR-5	XLR-5	
Input/Output Ethernet Connector	IP65 etherCON CAT5	No	
Input/Output Power Connector	IP65 powerCON TRUE1	powerCON TRUE1	
Control			
Data Protocol	DMX 512 - RDM	DMX 512 - RDM	
Ethernet Protocol	ArtNet - sACN	No	
Channel Control	38 to 61	18 to 28	
Electronic Power Supply			
Range	100 to 240 Volts	100 to 240 Volts	
Power Consumption Maximum	900 W	400 W	
Dimensions & Weight			
Luminaire Dimensions (mm)	490 x 710 x 329	365 x 533 x 212	
Flight-case Foam Dimensions (mm)	655 x 590 x 555	450 x 585 x 280	
Weight (kg)	38.8	13.8	
Product Code			
Standard Colour	012440	010150	

WASH LUMINAIRES



LEVANTE-S

LEVANTE-TC

BORA-S

BORA-TC

	138 mm front lens		178 mm front lens		
	7.5° to 56°		8° to 64°		
	13-elements / 7,5:1		13-elements / 8:1		
	White Light Engine		White Light Engine		
	300 W		750 W		
	26,500	20,500	60,000	48,000	
	8000	7000	8000	7000	
	20,000	15,000	42,000	31,000	
	6500	5700	6500	5700	
	>70	>90	>70	>90	
	Pan 540° - Tilt 270°		Pan 540° - Tilt 270°		
	CMY		CMY		
	7 colours / 1 Wheel		12 colours / 2 Wheels		
	No		No		
	7 Gobos / 1 Wheel		6 Gobos / 1 Wheel		
	Metal / 25 / 19		Metal / 34 / 25		
	4 focal planes / Integral		4 focal planes / Integral		
	No		No		
	No		No		
	Variable Linear Frost		Variable Linear Frost		
	Yes		Yes		
	Clicking Jog Wheel		Clicking Jog Wheel		
	LumenRadio CRMX TiMo		LumenRadio CRMX TiMo		
	XLR-5		XLR-5		
	No		etherCON CAT5		
	powerCON TRUE1		powerCON TRUE1		
	DMX 512 - RDM		DMX 512 - RDM		
	No		ArtNet - sACN		
	29 to 50		30 to 52		
	100 to 240 Volts		120 to 240 Volts		
	550 W		1,150 W		
	365 x 591 x 212		494 x 737 x 280		
	430 x 660 x 280		655 x 590 x 555		
	22		37.8		
	010240	010250	010640	010650	

WASH LUMINAIRES



NANDOBEBEAM-S3

NANDOBEBEAM-S6

Optics			
Optic Size / Diameter	170 mm lenses cluster	210 mm lenses cluster	
Beam Aperture	8° to 40°	8° to 40°	
Zoom Elements / Range	2-elements / 5:1	2-elements / 5:1	
Light Source			
Architecture	Multi-chip LED	Multi-chip LED	
Power Source / LED Quantity	15 W / 19	15 W / 37	
Light Engine Output (lm)	6,700	10,000	
Light Engine Colour Temperature (K)	-	-	
Luminaire Output (lm)	4,000	6,000	
Luminaire Colour Temperature (K)	-	-	
Native Colour Rendering Index	-	-	
Movement			
Rotation Type / Range	Pan 540° - Tilt 270°	Pan 540° - Tilt 270°	
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	-	-	
Graphical Effects	Yes	Yes	
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 menu buttons	6 menu buttons	
Integrated Wireless Receiver	No	LumenRadio CRMX	
Input/Output Data Connector	XLR-5	XLR-5	
Input/Output Ethernet Connector	No	etherCON CAT5	
Input/Output Power Connector	powerCON TRUE1	powerCON TRUE1	
Control			
Data Protocol	DMX 512 - RDM	DMX 512 - RDM	
Ethernet Protocol	No	ArtNet - sACN	
Channel Control	17 to 28	17 to 32	
Electronic Power Supply			
Range	100 to 240 Volts	100 to 240 Volts	
Power Consumption Maximum	400 W	650 W	
Dimensions & Weight			
Luminaire Dimensions (mm)	288 x 380 x 220	352 x 467 x 267	
Flight-case Foam Dimensions (mm)	350 x 410 x 280	410 x 500 x 330	
Weight (kg)	9.1	13.9	
Product Code			
Standard Colour	013350	013450	

WASH LUMINAIRES



NANDOBEAM-S9



WILDSUN-K25 TC



WILDSUN-S25

	280 mm lenses cluster	408 mm lenses cluster	408 mm lenses cluster
	8° to 40°	12° to 60°	10° to 60°
	2-elements / 5:1	5:1	6:1
	Multi-chip LED	Mono-chip LED	Mono-chip LED
	15 W / 55	5 W / 217	5 W / 217
	20,000	112,000	112,000
	-	5700	5700
	12,000	60,000	60,000
	-	5700	5700
	-	> 92	-
	Pan 540° - Tilt 270°	Pan 540° - Tilt 270°	Pan 540° - Tilt 270°
	RGBW	-	RGBW
	4.29 billion	-	4.29 billion
	Yes	-	Yes
	Yes	-	Yes
	Yes	-	Yes
	-	-	-
	Yes	Yes	Yes
	No	Yes	Yes
	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 menu buttons	6 menu buttons	6 menu buttons
	LumenRadio CRMX	LumenRadio CRMX	LumenRadio CRMX
	XLR-5	XLR-5	XLR-5
	etherCON CAT5	etherCON CAT5	etherCON CAT5
	powerCON TRUE1	powerCON TRUE1	powerCON 32A
	DMX 512 - RDM	DMX 512 - RDM	DMX 512 - RDM
	ArtNet - sACN	ArtNet - sACN	ArtNet - sACN
	17 to 36	11 to 22	14 to 64
	100 to 240 Volts	100 to 240 Volts	207 to 240 Volts
	1,100 W	1,600 W	2,750 W
	412 x 546 x 307	547 x 702 x 348	547 x 702 x 348
	510 x 590 x 370	627 x 725 x 414	627 x 725 x 414
	21.1	36.5	38.0
	013550	013830	013840

CREATIVE SOLUTIONS



VERSAPIX-RS

INTELLIPIX-XT

Optics

Optic Size / Diameter	5 x 94 mm	9 x 126 mm	
Beam Aperture	3.5°	2°	
Zoom Elements / Range	1	1	

Light Source

Architecture	Multi-chip LED	Multi-chip LED	
Power Source / Number	35 W / 5	35 W / 9	
Luminaire Light Output (lm)	4,000	7,650	
Luminaire Luminous Intensity	Non Applicable	5,220,000 cd	

Movement

Rotation Type / Range	Static	Static	
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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 / 5	Yes / 9	
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	No	No	
Input/Output Data Connector	XLR-5	XLR-5	
Input/Output Ethernet Connector	No	No	
Input/Output Power Connector	powerCON TRUE1	powerCON TRUE1	

Control

Data Protocol	DMX 512 - RDM	DMX 512 - RDM	
Ethernet Protocol	No	No	
Channel Control	6 to 29	6 to 45	

Electronic Power Supply

Range	110 to 240 Volts	100 to 240 Volts	
Power Consumption Maximum	250 W	420 W	

Dimensions & Weight

Luminaire Dimensions (mm)	676 x 300 x 285	473 x 473 x 247	
Flight-case Foam Dimensions (mm)	750 x 325 x 220	557 x 515 x 330	
Weight (kg)	8.7	15.5	

Product Code

Standard Colour	018550	024750	
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CREATIVE SOLUTIONS



MAGICDOT-R

MAGICDOT-SX

MAGICDOT-XT

	1 x 94 mm	1 x 94 mm	1 x 126 mm
	4.5°	5° to 40°	2°
	1	2-elements / 8:1	1
	Multi-chip LED	Multi-chip LED	Multi-chip LED
	70 W / 1	70 W / 1	35 W / 1
	1,600	1,500	850
	180,000 cd	136,000 cd	580,000 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
	-	-	-
	-	-	-
	1 to 25 flashes	1 to 25 flashes	1 to 25 flashes
	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
	No	LumenRadio CRMX TiMo	LumenRadio CRMX TiMo
	XLR-5	XLR-5	XLR-5
	No	No	No
	powerCON TRUE1	powerCON TRUE1	powerCON TRUE1
	DMX 512 - RDM	DMX 512 - RDM	DMX 512 - RDM
	No	No	No
	15 to 17	16 to 19	15 to 17
	110 to 240 Volts	110 to 240 Volts	100 to 240 Volts
	100 W	130 W	100 W
	210 x 318 x 210	210 x 318 x 210	235 x 360 x 235
	251 x 330 x 251	251 x 330 x 251	290 x 355 x 290
	5.3	5.7	6.2
	015150	015160	015170

CREATIVE SOLUTIONS



MAGICBLADE-FX

MINIPANEL-FX

Optics			
Optic Size / Diameter	7 x squared 65 mm	4 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 / 7	35 W / 4	
Luminaire Light Output (lm)	4,200	2,400	
Luminaire Luminous Intensity	579,600 cd	331,200 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 / 7	Yes / 4	
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	etherCON CAT5	No	
Input/Output Power Connector	powerCON TRUE1	powerCON TRUE1	
Control			
Data Protocol	DMX 512 - RDM	DMX 512 - RDM	
Ethernet Protocol	ArtNet - sACN	No	
Channel Control	19 to 46	19 to 34	
Electronic Power Supply			
Range	100 to 240 Volts	100 to 240 Volts	
Power Consumption Maximum	400 W	220 W	
Dimensions & Weight			
Luminaire Dimensions (mm)	612 x 312 x 191	285 x 397 x 220	
Flight-case Foam Dimensions (mm)	677 x 370 x 250	340 x 425 x 275	
Weight (kg)	13.0	8.9	
Product Code			
Standard Colour	015350	015450	

CREATIVE SOLUTIONS



MAGICPANEL-FX



COSMOPIX-R



ALIENPIX-RS

	25 x squared 65 mm	12 x 94 mm	6 x 94 mm
	3.6° to 53°	4.5°	3.5°
	2	1	1
	Multi-chip LED	Multi-chip LED	Multi-chip LED
	35 W / 25	60 W / 12	35 W / 6
	13,500	20,400	5,100
	2,070,000 cd	Non Applicable	1,080,000 cd
	Continuous pan & tilt	Continuous pan & tilt	Continuous 8 rotation
	RGBW	RGBW	RGBW
	4.29 billion	4.29 billion	4.29 billion
	Yes	Yes	Yes
	Yes	Yes	Yes
	Yes	Yes	Yes
	Yes / 25	Yes / 12	Yes / 6
	2D & 3D	2D & 3D	2D & 3D
	No	No	No
	Electronic from 0 to 100%	Electronic from 0 to 100%	Electronic from 0 to 100%
	1 to 25 flashes per second	1 to 25 flashes per second	1 to 25 flashes per second
	6	6	6
	LumenRadio CRMX TiMo	LumenRadio CRMX TiMo	LumenRadio CRMX TiMo
	XLR-5	XLR-5	XLR-5
	etherCON CAT5	etherCON CAT5	etherCON CAT5
	powerCON TRUE1	powerCON TRUE1	powerCON TRUE1
	DMX 512 - RDM	DMX 512 - RDM	DMX 512 - RDM
	ArtNet - sACN	ArtNet - sACN	ArtNet - sACN
	19 to 118	18 to 64	16 to 52
	100 to 240 Volts	110 to 240 Volts	100 to 240 Volts
	1,000 W	700 W	450 W
	486 x 641 x 307	427 x 585 x 352	547 x 681 x 348
	569 x 672 x 367	488 x 602 x 421	627 x 725 x 414
	33.7	25.1	29.8
	015670	015750	015850

CREATIVE SOLUTIONS



MINIBURST



MAGICBURST

Optics			
Optic Size / Diameter	Non Applicable	Non Applicable	
Beam Aperture	120°	120°	
Zoom Elements / Range	-	-	
Light Source			
Architecture	Mono-chip LED	Mono-chip LED	
Power Source / Number	1/4 W / 960	1/4 W / 3,840	
Luminaire Light Output (lm/nit)	60,000	240,000	
Luminaire Luminous Intensity	Non Applicable	Non Applicable	
Movement			
Rotation Type / Range	Continuous pan & tilt	Continuous pan & tilt	
Colours			
Colour Mixing	No	No	
Colour Depth	-	-	
Virtual Colour Wheel	-	-	
White Colour Temperature Presets	-	-	
Dynamic colour effects	No	No	
Effects			
Pixel Control / Quantity	Yes / 16	Yes / 64	
Graphical Effects	Yes	Yes	
Frost Filter	speed & duration control	speed & duration control	
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	
Input/Output Power Connector	powerCON TRUE1	powerCON TRUE1	
Control			
Data Protocol	DMX 512 - RDM	DMX 512 - RDM	
Ethernet Protocol	No	ArtNet - sACN	
Channel Control	12 to 59	12 to 203	
Electronic Power Supply			
Range	100 to 240 Volts	110 to 240 Volts	
Power Consumption Maximum	350 W	1,400 W	
Dimensions & Weight			
Luminaire Dimensions (mm)	285 x 399 x 220	473 x 641 x 307	
Flight-case Foam Dimensions (mm)	340 x 425 x 275	559 x 662 x 367	
Weight (kg)	8.5	18.9	
Product Code			
Standard Colour	016650	016850	

IMAGING DISPLAYS

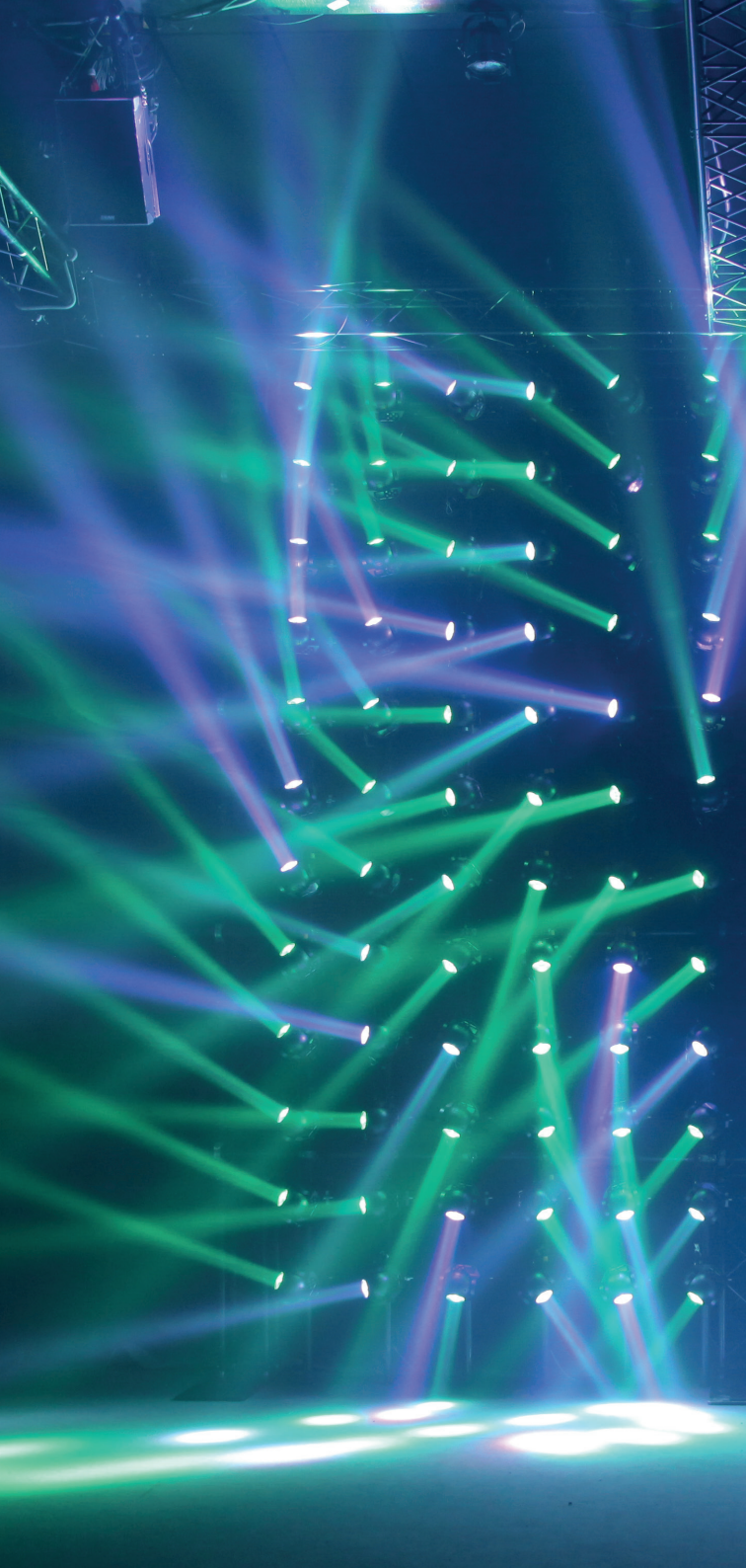


DREAMPANEL-SHIFT



DREAMPANEL-TWIN

		Video Side	3D Side	
	-	-	64 x 45 mm	
	120°	120°	6°	
	-	-	1	
	Multi-chip LED	Multi-chip LED		
	30 mW / 4,096	30 mW / 4,096	15 W / 64	
	3,500 nit	3,500 nit	25,000	
	Non Applicable	Non Applicable	1,825,000 cd	
	Continuous pan & tilt	Continuous pan & tilt		
	RGB	RGB	RGBW	
	16.7 million	16.7 million	4.29 billion	
	-	-	Yes	
	-	-	Yes	
	No	No	Yes	
	Yes / 4,096	Yes / 4,096	Yes / 64	
	2D	2D	2D / 3D	
	No	No	1 to 25 flashes	
	Electronic from 0 to 100%	Electronic from 0 to 100%		
	1 to 25 flashes per second	1 to 25 flashes per second		
	6	6		
	No	No		
	No	No		
	etherCON CAT5	etherCON CAT5		
	powerCON TRUE1	powerCON TRUE1		
	No	No		
	ArtNet - sACN	ArtNet - sACN		
	6 to 18	18 to 272		
	110 to 240 Volts	110 to 240 Volts		
	150 W	990 W		
	473 x 641 x 307	473 x 641 x 307		
	559 x 662 x 367	559 x 662 x 367		
	15.6	23.8		
	017450	017550		



A stage with many spotlights and a large speaker hanging from the ceiling. The spotlights are arranged in rows and are shining down on the stage floor. The stage floor is dark and reflective. The background is dark and out of focus.

CALENDAR

102-105

NOTES

106-128

WARRANTY

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CREDITS

130

LEGAL

130

2019

	APRIL		MAY		JUNE	
MON	1					
TUE	2	PROLIGHT + SOUND FRANKFURT, GERMANY				
WED	3		1			
THU	4		2			
FRI	5		3			
SAT	6		4		1	
SUN	7		5	MUSIC INSIDE RIMINI RIMINI, ITALY	2	
MON	8	NAB LAS VEGAS, USA	6		3	
TUE	9		7		4	
WED	10		8	GETSHOW GUANGZHOU, CHINA	5	ABTT THEATRE SHOW LONDON, UK
THU	11		9		6	
FRI	12		10		7	
SAT	13		11		8	
SUN	14		12		9	
MON	15		13		10	
TUE	16		14	PLASA FOCUS LEEDS, UK	11	
WED	17	CITT EXPO-SCÈNE MONTREAL, CANADA	15		12	
THU	18		16		13	
FRI	19		17		14	
SAT	20		18		15	
SUN	21		19		16	
MON	22		20		17	
TUE	23		21		18	STAGE SET SCENERY BERLIN, GERMANY
WED	24		22	KOBA SHOW COEX, SEOUL, KOREA	19	
THU	25		23		20	
FRI	26		24		21	
SAT	27		25		22	
SUN	28	SOUND:CHECK EXPO MEXICO CITY, MEXICO	26		23	
MON	29		27		24	
TUE	30		28		25	
WED			29		26	
THU			30		27	
FRI			31		28	
SAT					29	
SUN					30	
MON						
TUE						

2019

	JULY		AUGUST	SEPTEMBER	
MON	1				
TUE	2				
WED	3				
THU	4		1		
FRI	5		2		
SAT	6		3		
SUN	7		4	1	
MON	8		5	2	
TUE	9		6	3	
WED	10		7	4	
THU	11		8	5	
FRI	12		9	6	
SAT	13		10	7	
SUN	14		11	8	
MON	15		12	9	
TUE	16		13	10	
WED	17	MEDIATECH JOHANNESBURG, SOUTH AFRICA	14	11	
THU	18		15	12	
FRI	19		16	13	
SAT	20		17	14	
SUN	21		18	15	PLASA LONDON, UK
MON	22		19	16	
TUE	23		20	17	
WED	24		21	18	
THU	25		22	19	
FRI	26		23	20	
SAT	27		24	21	
SUN	28		25	22	
MON	29		26	23	
TUE	30		27	24	
WED	31		28	25	
THU			29	26	
FRI			30	27	
SAT			31	28	
SUN				29	
MON				30	
TUE					

2019

	OCTOBER		NOVEMBER		DECEMBER
MON					
TUE	1				
WED	2	AVITA EXPO HELSINKI, FINLAND			
THU	3				
FRI	4		1		
SAT	5		2		
SUN	6		3		1
MON	7		4		2
TUE	8		5		3
WED	9		6		4
THU	10		7		5
FRI	11		8		6
SAT	12		9		7
SUN	13		10		8
MON	14		11		9
TUE	15	PROLIGHT + SOUND DUBAI, UAE	12		10
WED	16		13		11
THU	17		14		12
FRI	18		15		13
SAT	19		16		14
SUN	20		17		15
MON	21		18		16
TUE	22		19		17
WED	23		20		18
THU	24		21		19
FRI	25		22	LDI LAS VEGAS LAS VEGAS, USA	20
SAT	26		23		21
SUN	27		24		22
MON	28		25		23
TUE	29		26	JTSE PARIS, FRANCE	24
WED	30		27		25
THU	31		28		26
FRI			29		27
SAT			30		28
SUN					29
MON					30
TUE					31

2020

	JANUARY		FEBRUARY		MARCH	
MON						
TUE						
WED	1					
THU	2					
FRI	3					
SAT	4		1			
SUN	5		2		1	
MON	6		3		2	
TUE	7		4		3	
WED	8		5		4	
THU	9		6		5	
FRI	10		7		6	AFIAL MADRID, SPAIN
SAT	11		8		7	
SUN	12		9		8	
MON	13		10		9	
TUE	14		11	INTEGRATED SYSTEMS EUROPE AMSTERDAM, THE NETHERLANDS	10	
WED	15		12		11	
THU	16	NAAM ANAHEIM, USA	13		12	
FRI	17		14		13	
SAT	18		15		14	
SUN	19		16		15	
MON	20		17		16	
TUE	21		18		17	
WED	22		19	PROLIGHT + SOUND GUANGZHOU, CHINA	18	
THU	23		20		19	
FRI	24		21		20	
SAT	25		22		21	
SUN	26		23		22	
MON	27		24		23	
TUE	28		25		24	
WED	29		26		25	
THU	30		27		26	
FRI	31		28		27	
SAT			29		28	
SUN					29	
MON					30	
TUE					31	

NOTES



MISTRAL

300 W SPOT LUMINAIRE

18,000 LUMENS (MISTRAL-S)

NATIVE HIGH CRI > 90 (MISTRAL-TC)

8:1 ZOOM - 6.7° TO 53°

INFINITE COLOUR MIX

CREATIVE GRAPHIC EFFECTS

HIGHLY COMPACT (18.6 KG)



AYRTON
Digital Lighting

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NOTES

NOTES



DIABLO

300 W PROFILE LUMINAIRE

19,000 LUMENS (DIABLO-S)

NATIVE HIGH CRI > 90 (DIABLO-TC)

8:1 ZOOM - 6.7° TO 53°

FULL FIELD FRAMING

HIGH EFFICIENCY

EXTREMELY COMPACT (21.5 KG)



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NOTES

NOTES



KHAM SIN

750 W PROFILE LUMINAIRE

40,000 LUMENS (KHAM SIN-S)

NATIVE HIGH CRI > 90 (KHAM SIN-TC)

8:1 ZOOM - 7° TO 56°

FULL FIELD FRAMING

INCREDIBLE GRAPHIC EFFECTS

HIGHLY COMPACT FORMAT



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NOTES

NOTES



MERAK-CS

250 W WASH LUMINAIRE

4,500 LUMENS

WHITE PRESET WITH CRI UP TO 86

10:1 ZOOM - 7° TO 70°

168MM FRESNEL LENS

4.29 BILLION COLOURS

ROTATING BEAM SHAPING



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Digital Lighting

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NOTES

NOTES



LEVANTE

300 W WASH LUMINAIRE

20,000 LUMENS (LEVANTE-S)

NATIVE HIGH CRI > 90 (LEVANTE-TC)

9:1 ZOOM - 6.3° TO 58°

138MM SPHERICAL LENS

FULL FIELD BARNDOOR

SLEEK INDUSTRIAL DESIGN



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NOTES

NOTES



BORA

750 W WASH LUMINAIRE

42,000 LUMENS (BORA-S)

NATIVE HIGH CRI > 90 (BORA-TC)

8:1 ZOOM - 8° TO 64°

178MM SPHERICAL LENS

FULL FIELD BARNDOOR

SLEEK INDUSTRIAL DESIGN



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NOTES

WARRANTY

The Manufacturer warrants the Products manufactured and sold by the Manufacturer against defects in material and workmanship, during a period of 24 months starting from the date of purchase of the Product, which shall be deemed to be the date of the invoice issued by the Manufacturer.

This warranty shall in any event be subject to the following conditions:

- The Customer shall have ensured that the Products have been stored, fitted and used in accordance with any specifications, user instructions, maintenance manuals etc. provided by the Manufacturer.
- The Customer shall not have changed, removed or obscured any serial or identification numbers, labels, lettering or other markings which are on the Products at the time of delivery thereof.
- The warranty does not extend to any damage caused by any type of operation or use outside that for which the Products are reasonably intended.

The Manufacturer assumes no warranty for normal wear and tear, material provided by the Customer, processing of the Products made by the Customer, damage due to negligence, accident, improper storage, installation or operation or due to inadequate maintenance or use, or damage resulting from any modification or repair not approved beforehand by the Manufacturer in writing. The Manufacturer will not be liable where any non-authorised software or non-authorised spare or replacement parts are used. Any costs incurred by the Manufacturer for examining and removing such defects will be borne by the Customer upon demand. The Customer will always be responsible alone for the completeness and correctness of any information provided by it.

The Manufacturer's warranty provided herein is made only to the benefit of the Customer. The warranty may be asserted by the Customer only and not by any third party or other user of the Products..

The Manufacturer's written permission must be obtained before returning any Product, whereupon the Manufacturer will furnish shipping instructions. Any Product returned without the permission will be held at the Customer's risk and is liable to non-acceptance.

If any Product covered by this warranty is returned by the Customer within the applicable warranty period set above and upon examination by the Manufacturer, the latter determines to its satisfaction that such Product was defective in material or workmanship at the time of delivery to the Customer. The Manufacturer will, at its option, repair or replace the Product or the defective part thereof, or reimburse the Customer for the purchase price.

For purposes of clarity, «repair or replace the Product or the defective part thereof» does not include any reinstallation costs or expenses. If the Manufacturer chooses to replace the Product and is not able to do so because it has been discontinued or is not available, the Manufacturer may replace it with a comparable product.

The Customer shall convey with each Product distributed to end users the MANUFACTURER'S LIMITED WARRANTY set in these Terms and Conditions of Sale and included by the Manufacturer with such Product. If the Manufacturer determines that the appropriate remedy for a defective product is refund of the Customer's purchase price, the Customer shall refund to the end user (or arrange for the refund to the end user of) the full purchase price paid by the end user for such defective Product.

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PERSEO-S

500 W IP65 PROFILE LUMINAIRE

27,000 LUMENS

8:1 ZOOM - 7° TO 56°

INFINITE COLOUR MIX

FULL FIELD FRAMING

UNIFORM FLAT BEAM

HIGHLY COMPACT IP65 LUMINAIRE



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