

HURACÁN WASH



AYRTON

**Lumens****52,000****Kelvin****7000****CRI****>70****Zoom****6.2° - 75°**

HURACÁN WASH S

Classical 9 Series

011180

For the latest wash-type luminaire of the HURACÁN family, AYRTON has designed an entirely new Fresnel lens with an optical structure specially developed for use with framing barndoors, also favouring use with geometric gobos or ovalisation lenses, without constraints. A subtle progressive diffusion system allows the diffusion level to be adapted according to the application and accessories or optical elements used. The Fresnel lens also significantly improves the colour mix and can obtain 10% more light than when using a conventional Fresnel lens F.O.S.™. The proprietary optical system of HURACÁN WASH S delivers a 12:1 zoom ratio and a zoom range of 6.2° at half peak to 75° at one-tenth peak. This new luminaire adopts the complex colour mixing system of HURACÁN PROFILE, offering a double level of CMY saturation that can obtain 281 trillion colours and a triple corrector for variable colour temperature allowing subtle adjustment from 2700 K to 15,000 K and significant CRI improvement. T.C.S.™ (patent pending).

HURACÁN WASH S introduces a brand new 1000 W monochromatic LED source specially developed for shows that need cooler metallic white light. This version offers a record luminous flux of 52,000 lumens, a colour temperature of 7,000 Kelvin and a CRI of 70. HURACÁN WASH S is factory-equipped with full features, including a framing section that allows accurate positioning of four barndoors on a 100% surface area in all positions, so that the user can frame any object regardless of the luminaire's position. HURACÁN WASH S also offers a wheel of seven rotating gobos, a 15-blade iris diaphragm and a beam ovaliser filter. HURACÁN WASH S is an exceptional luminaire designed to satisfy the most demanding users.

OPTICS

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

LIGHT SOURCE

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

MOVEMENT

- Extremely accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: 540° (pan), 260° (tilt)

COLOURS

- Sophisticated double CMY color mixing
- Variable CTB, CTO, CTP
- 6 complementary colours

GOBOS

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

FRAMING SYSTEM

- 4 individually barndoors
- Positionable on 100% of surface area
- Rotation of module: +/- 60°

IRIS DIAPHRAGM

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

FROST

- 0% to 100% variable linear frost

EFFECTS

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

DIMMER / STROBE

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

HARDWARE FEATURES

- Graphic LCD display with flip function
- Clicking jog wheel to set functions
- Excess temperature protection

- Integrated LumenRadio™ receiver
- XLR 5 pin connectors
- etherCON RJ45 connectors
- powerCON TRUE1 connector

CONTROL

- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode
- ArtNet & sACN protocol
- 3 DMX modes (32 to 61 DMX channels)

POWER SUPPLY

- 120 to 240 Volts – 50/60 Hz
- Power: 1.600 W maximum

COOLING SYSTEM

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

HOUSING

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

INSTALLATION

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

OPERATING PARAMETERS

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

COMPLIANCE

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

SIZE

- Product: 494 x 788 x 294 mm (l x h x d)
- Foam: 715 x 555 x 630 mm (l x h x d)

WEIGHT

- Product: 42.5 kg

PRODUCT CODE

- 011880: HURACÁN WASH S - CLASSICAL 9 SERIES

**Lumens****45,000****Kelvin****6000****CRI****> 80****Zoom****6.2° - 75°**

HURACÁN WASH ST

Classical 9 Series

011183

For the latest wash-type luminaire of the HURACÁN family, AYRTON has designed an entirely new Fresnel lens with an optical structure specially developed for use with framing barndoors, also favouring use with geometric gobos or ovalisation lenses, without constraints. A subtle progressive diffusion system allows the diffusion level to be adapted according to the application and accessories or optical elements used. The Fresnel lens also significantly improves the colour mix and can obtain 10% more light than when using a conventional Fresnel lens F.O.S.™. The proprietary optical system of HURACÁN WASH ST delivers a 12:1 zoom ratio and a zoom range of 6.2° at half peak to 75° at one-tenth peak. This new luminaire adopts the complex colour mixing system of HURACÁN PROFILE, offering a double level of CMY saturation that can obtain 281 trillion colours and a triple corrector for variable colour temperature allowing subtle adjustment from 2700 K to 15,000 K and significant CRI improvement. T.C.S.™ (patent pending).

HURACÁN WASH ST introduces a brand new 1000 W monochromatic LED source specially developed for studio and theatre applications. This LED source delivers light output of 45,000 lumens and a D65 white point that allows perfect colour reproduction with a CRI greater than 80. HURACÁN WASH ST is factory-equipped with full features, including a framing section that allows accurate positioning of four barndoors on a 100% surface area in all positions, so that the user can frame any object regardless of the luminaire's position. HURACÁN WASH ST also offers a wheel of seven rotating gobos, a 15-blade iris diaphragm and a beam ovaliser filter. HURACÁN WASH ST is an exceptional luminaire designed to satisfy the most demanding users.

OPTICS

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

LIGHT SOURCE

- 68,000 lumens white light engine
- Luminaire output: up to 45,000 lumens
- Colour temperature output: 6000 K
- CRI: greater than 80
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT

- Extremely accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt with automatic repositioning
- Range: 540° (pan), 260° (tilt)

COLOURS

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

GOBOS

- 7 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- Gobo diameter (rotating): 30.0 mm
- Image diameter (rotating): 25.0 mm
- Gobo thickness: 1.1 mm

FRAMING SYSTEM

- 4 individually barndoors
- Positionable on 100% of surface area
- Rotation of module: +/- 60°

IRIS DIAPHRAGM

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

FROST

- 0% to 100% variable linear frost

EFFECTS

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

DIMMER / STROBE

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

HARDWARE FEATURES

- Graphic LCD display with flip function
- Clicking jog wheel to set functions
- Excess temperature protection

- Integrated LumenRadio™ receiver
- XLR 5 pin connectors
- etherCON RJ45 connectors
- powerCON TRUE1 connector

CONTROL

- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode
- ArtNet & sACN protocol
- 3 DMX modes (32 to 61 DMX channels)

POWER SUPPLY

- 120 to 240 Volts – 50/60 Hz
- Power: 1.600 W maximum

COOLING SYSTEM

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

HOUSING

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

INSTALLATION

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

OPERATING PARAMETERS

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

COMPLIANCE

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

SIZE

- Product: 494 x 788 x 294 mm (l x h x d)
- Foam: 715 x 555 x 630 mm (l x h x d)

WEIGHT

- Product: 42.5 kg

PRODUCT CODE

- 011883: HURACÁN WASH ST - CLASSICAL 9 SERIES

**Lumens****31,000****Kelvin****6000****CRI****>95****Zoom****6.2° - 75°**

HURACÁN WASH TC

Classical 9 Series

011185

For the latest wash-type luminaire of the HURACÁN family, AYRTON has designed an entirely new Fresnel lens with an optical structure specially developed for use with framing barndoors, also favouring use with geometric gobos or ovalisation lenses, without constraints. A subtle progressive diffusion system allows the diffusion level to be adapted according to the application and accessories or optical elements used. The Fresnel lens also significantly improves the colour mix and can obtain 10% more light than when using a conventional Fresnel lens F.O.S.™. The proprietary optical system of HURACÁN WASH TC delivers a 12:1 zoom ratio and a zoom range of 6.2° at half peak to 75° at one-tenth peak. This new luminaire adopts the complex colour mixing system of HURACÁN PROFILE, offering a double level of CMY saturation that can obtain 281 trillion colours and a triple corrector for variable colour temperature allowing subtle adjustment from 2700 K to 15,000 K and significant CRI improvement. T.C.S.™ (patent pending).

HURACÁN WASH TC introduces a brand new 1000 W monochromatic LED source specially developed for applications requiring perfect colour rendering. This version offers a CRI greater than 95 with extremely high TM30 values and a colour temperature of 6000 K. HURACÁN WASH TC is factory-equipped with full features, including a framing section that allows accurate positioning of four barndoors on a 100% surface area in all positions, so that the user can frame any object regardless of the luminaire's position. HURACÁN WASH TC also offers a wheel of seven rotating gobos, a 15-blade iris diaphragm and a beam ovaliser filter. HURACÁN WASH TC is an exceptional luminaire designed to satisfy the most demanding users.

OPTICS

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

LIGHT SOURCE

- 49,000 lumens white light engine
- Luminaire output: up to 31,000 lumens
- Colour temperature output: 6000 K
- CRI: greater than 95
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT

- Extremely accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt with automatic repositioning
- Range: 540° (pan), 260° (tilt)

COLOURS

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

GOBOS

- 7 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- Gobo diameter (rotating): 30.0 mm
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- Gobo thickness: 1.1 mm

FRAMING SYSTEM

- 4 individually barndoors
- Positionable on 100% of surface area
- Rotation of module: +/- 60°

IRIS DIAPHRAGM

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

FROST

- 0% to 100% variable linear frost

EFFECTS

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

DIMMER / STROBE

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

HARDWARE FEATURES

- Graphic LCD display with flip function
- Clicking jog wheel to set functions
- Excess temperature protection

- Integrated LumenRadio™ receiver
- XLR 5 pin connectors
- etherCON RJ45 connectors
- powerCON TRUE1 connector

CONTROL

- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode
- ArtNet & sACN protocol
- 3 DMX modes (32 to 61 DMX channels)

POWER SUPPLY

- 120 to 240 Volts – 50/60 Hz
- Power: 1.600 W maximum

COOLING SYSTEM

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

HOUSING

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

INSTALLATION

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

OPERATING PARAMETERS

- Maximum temperature: 45 °C (113 °F)
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- EMC Directive 2014/30/EU
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SIZE

- Product: 494 x 788 x 294 mm (l x h x d)
- Foam: 715 x 555 x 630 mm (l x h x d)

WEIGHT

- Product: 42.5 kg

PRODUCT CODE

- 011885: HURACÁN WASH TC - CLASSICAL 9 SERIES



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