

# DOMINO WASH



**AYRTON**  
Digital Lighting

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

## DOMINO WASH S

Classical IP65 9 Series

012880

For its first IP65 wash fixture developed for outdoor use, AYRTON has chosen a 210 mm Fresnel lens with a specific optical structure designed to accurately adapt the diffusion level according to your requirements. This optical combination that favours the use of framing shutter blades or geometric gobos significantly improves colour mix and can produce 10% more light than with a classic Fresnel lens F.O.S.™. DOMINO WASH opens up a whole new world of versatility. This luminaire is available in three versions - S, ST or TC - meant to cover all types of stage use. For shows that need cooler, metallic light, the "Stage" version provides a record luminous flux of 52,000 lumens, a colour temperature of 7000 K and a CRI of 70. The entirely new "Studio & Theatre" version is fitted with a new monochromatic LED source that delivers light output of 45,000 lumens and a D65 white point that allows perfect colour reproduction with a CRI greater than 80. For applications requiring perfect colour rendering, the "True Color" version offers a colour rendering index greater than 95 with extremely high TM30 values and a colour temperature of 6000 Kelvin.

The proprietary optical system of DOMINO WASH delivers a 12:1 zoom ratio and a zoom range of 6.2° at half peak to 75° at one-tenth peak. This new luminaire adopts the complex colour mixing system of HURACÁN WASH, offering a double level of CMY saturation that can obtain 281 trillion colours and a triple corrector for variable colour temperature, allowing subtle adjustment from 2700 K to 15000 K and significant CRI improvement T.C.S.™. DOMINO WASH is factory-equipped with full features, including a framing section that allows accurate positioning of four shutter blades on a 100% surface area in all positions, so that the user can frame any object regardless of the luminaire's position. DOMINO WASH is also equipped with a wheel of seven rotating glass gobos, a 15-blade iris diaphragm and an RGB & CMY animation wheel. DOMINO WASH has a liquid cooling system fitted with six submersible fans outside its weatherproof enclosure. An all-terrain luminaire developed for resisting hot or cold weather, wind, rain, hail, sand, dust, DOMINO WASH aims to create unprecedented, incomparable and simply stunning atmospheres. This professional smart luminaire is geared for concerts, performing arts, theme parks, and film shoots. Together with DOMINO PROFILE and DOMINO LT, DOMINO WASH completes an exceptional trilogy.

## OPTICS

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

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

## COLOURS

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

## GOBOS

- 7 indexable rotating 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% surface area
- Rotation of the module: +/- 90°

## IRIS DIAPHRAGM

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

## FROST

- 0% to 100% variable linear frost

## EFFECTS

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

## DIMMER / STROBE

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

## HARDWARE FEATURES

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

## CONTROL

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

## POWER SUPPLY

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

## COOLING SYSTEM

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

## HOUSING

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

## INSTALLATION

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

## OPERATING PARAMETERS

- Operating positions: all (device on floor or fixed to a support)
- Maximum permitted ambient temperature (Ta max): 45° C (113° F)
- Minimum permitted ambient temperature (Ta min): -20° C (-4° F)
- Minimum usage distance: 2.0 m (6.56 ft.)

## COMPLIANCE

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

## SIZE

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

## WEIGHT

- Product: 52 kg

## PRODUCT CODE

- 012880: DOMINO WASH S - CLASSICAL IP65 9 SERIES

**Lumens**

45,000

**Kelvin**

6000

**CRI**

&gt; 80

**Zoom**

6.2° - 75°



## DOMINO WASH ST

Classical IP65 9 Series

012883

For its first IP65 wash fixture developed for outdoor use, AYRTON has chosen a 210 mm Fresnel lens with a specific optical structure designed to accurately adapt the diffusion level according to your requirements. This optical combination that favours the use of framing shutter blades or geometric gobos significantly improves colour mix and can produce 10% more light than with a classic Fresnel lens F.O.S.™. DOMINO WASH opens up a whole new world of versatility. This luminaire is available in three versions - S, ST or TC - meant to cover all types of stage use. For shows that need cooler, metallic light, the "Stage" version provides a record luminous flux of 52,000 lumens, a colour temperature of 7000 K and a CRI of 70. The entirely new "Studio & Theatre" version is fitted with a new monochromatic LED source that delivers light output of 45,000 lumens and a D65 white point that allows perfect colour reproduction with a CRI greater than 80. For applications requiring perfect colour rendering, the "True Color" version offers a colour rendering index greater than 95 with extremely high TM30 values and a colour temperature of 6000 Kelvin.

The proprietary optical system of DOMINO WASH delivers a 12:1 zoom ratio and a zoom range of 6.2° at half peak to 75° at one-tenth peak. This new luminaire adopts the complex colour mixing system of HURACÁN WASH, offering a double level of CMY saturation that can obtain 281 trillion colours and a triple corrector for variable colour temperature, allowing subtle adjustment from 2700 K to 15000 K and significant CRI improvement T.C.S.™. DOMINO WASH is factory-equipped with full features, including a framing section that allows accurate positioning of four shutter blades on a 100% surface area in all positions, so that the user can frame any object regardless of the luminaire's position. DOMINO WASH is also equipped with a wheel of seven rotating glass gobos, a 15-blade iris diaphragm and an RGB & CMY animation wheel. DOMINO WASH has a liquid cooling system fitted with six submersible fans outside its weatherproof enclosure. An all-terrain luminaire developed for resisting hot or cold weather, wind, rain, hail, sand, dust, DOMINO WASH aims to create unprecedented, incomparable and simply stunning atmospheres. This professional smart luminaire is geared for concerts, performing arts, theme parks, and film shoots. Together with DOMINO PROFILE and DOMINO LT, DOMINO WASH completes an exceptional trilogy.

## OPTICS

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

## LIGHT SOURCE

- 68,000 lumens white light engine
- Luminaire output: up to 45,000 lumens
- Colour temperature output: 6500 K
- CRI: greater than 80
- Rated life (L70): up to 40,000 hours
- Flicker-free source

## MOVEMENT

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

## COLOURS

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

## GOBOS

- 7 indexable rotating 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% surface area
- Rotation of the module: +/- 90°

## IRIS DIAPHRAGM

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

## FROST

- 0% to 100% variable linear frost

## EFFECTS

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

## DIMMER / STROBE

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

## HARDWARE FEATURES

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

## CONTROL

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

## POWER SUPPLY

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

## COOLING SYSTEM

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

## HOUSING

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

## INSTALLATION

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

## OPERATING PARAMETERS

- Operating positions: all (device on floor or fixed to a support)
- Maximum permitted ambient temperature (Ta max): 45° C (113° F)
- Minimum permitted ambient temperature (Ta min): -20° C (-4° F)
- Minimum usage distance: 2.0 m (6.56 ft.)

## COMPLIANCE

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

## SIZE

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

## WEIGHT

- Product: 52 kg

## PRODUCT CODE

- 012883: DOMINO WASH ST - CLASSICAL IP65 9 SERIES

**Lumens****33,900****Kelvin****6000****CRI****> 95****Zoom****6.2° - 75°**

## DOMINO WASH TC

Classical IP65 9 Series

012885

For its first IP65 wash fixture developed for outdoor use, AYRTON has chosen a 210 mm Fresnel lens with a specific optical structure designed to accurately adapt the diffusion level according to your requirements. This optical combination that favours the use of framing shutter blades or geometric gobos significantly improves colour mix and can produce 10% more light than with a classic Fresnel lens F.O.S.™. DOMINO WASH opens up a whole new world of versatility. This luminaire is available in three versions - S, ST or TC - meant to cover all types of stage use. For shows that need cooler, metallic light, the "Stage" version provides a record luminous flux of 52,000 lumens, a colour temperature of 7000 K and a CRI of 70. The entirely new "Studio & Theatre" version is fitted with a new monochromatic LED source that delivers light output of 45,000 lumens and a D65 white point that allows perfect colour reproduction with a CRI greater than 80. For applications requiring perfect colour rendering, the "True Color" version offers a colour rendering index greater than 95 with extremely high TM30 values and a colour temperature of 6000 Kelvin.

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## 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 33,900 lumens
- Colour temperature output: 6000 K
- CRI: greater than 95
- Rated life (L70): up to 40,000 hours
- Flicker-free source

## MOVEMENT

- Highly accurate positioning
- Resolution: 8- or 16-bit
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[www.ayrton.eu](http://www.ayrton.eu)