

# HURACÁN PROFILE



**AYRTON**  
Digital Lighting

**Lumens****51,000****Kelvin****7000****CRI****>70****Zoom****6° - 60°**

## HURACÁN PROFILE S

Classical 9 Series

011860

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

HURACÁN PROFILE S offers an advanced framing section, which allows accurate positioning of four shutter blades on a 100% surface area in all positions, so that the user can frame any object regardless of the luminaire's position. HURACÁN PROFILE S is provided with an amazingly complete graphical system with one 7-position wheel for interchangeable effects cassettes or gobos. The wheel is fitted with 5 rotating gobos and 2 effects cassettes that can create dynamic effects by superimposing two complementary inverted images in counter rotation (patent pending). A second interchangeable gobo wheel is equipped with 7 rotating gobos. A monochromatic multi-position effects wheel allows horizontal, vertical or axial scrolling for creating flame, water or radiant effects (patent pending). A multi-layer CMY wheel can generate multicolour effects. The gobos, cassettes and effects wheel are made of high-definition tempered glass. Additionally, standard features in HURACÁN PROFILE S include a 15-blade iris diaphragm, a light and a heavy frost filter, 2 rotating prisms, a 5-facet circular and a 4-facet linear prism. HURACÁN PROFILE S is the ultimate graphical tool for applications requiring power and refinement.

## OPTICS

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

## LIGHT SOURCE

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

## MOVEMENT

- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt with automatic repositioning
- Range: 540° (pan), 262° (tilt)

## COLOURS

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

## GOBOS

- 2 indexable rotating double layer cassettes
- 12 indexable rotating HD glass gobos
- Adjustable-speed rotating cassette & gobo
- Gobo diameter: 30.0 mm
- Image diameter: 25.0 mm
- Gobo thickness: 1.1 mm

## FRAMING SYSTEM

- 4 individual shutter blades
- Positionable on 100% of the surface area
- Rotation of the module: +/- 45°

## IRIS DIAPHRAGM

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

## FROST

- 2 frost filters: one light, one heavy

## PRISMS

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

## EFFECTS

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

## DIMMER / STROBE

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

## HARDWARE FEATURES

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

## CONTROL

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

## POWER SUPPLY

- 120 to 240 Volts – 50/60 Hz
- Power: 1,470 W maximum

## COOLING SYSTEM

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

## HOUSING

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

## INSTALLATION

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

## OPERATING PARAMETERS

- Maximum temperature: 45 °C (113 °F)
- Minimum temperature: -10 °C (14 °F)
- Minimum usage distance: 2.0 m (6.56 ft)

## COMPLIANCE

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

## SIZE

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

## WEIGHT

- Product: 46 kg

## PRODUCT CODE

- 011860: HURACÁN PROFILE S

**Lumens****33,900****Kelvin****6400****CRI****> 95****Zoom****6° - 60°**

## HURACÁN PROFILE TC

Classical 9 Series

011865

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

HURACÁN PROFILE TC offers an advanced framing section, which allows accurate positioning of four shutter blades on a 100% surface area in all positions, so that the user can frame any object regardless of the luminaire's position. HURACÁN PROFILE TC is provided with an amazingly complete graphical system with one 7-position wheel for interchangeable effects cassettes or gobos. The wheel is fitted with 5 rotating gobos and 2 effects cassettes that can create dynamic effects by superimposing two complementary inverted images in counter rotation (patent pending). A second interchangeable gobo wheel is equipped with 7 rotating gobos. A monochromatic multi-position effects wheel allows horizontal, vertical or axial scrolling for creating flame, water or radiant effects (patent pending). A multi-layer CMY wheel can generate multicolour effects. The gobos, cassettes and effects wheel are made of high-definition tempered glass. Additionally, standard features in HURACÁN PROFILE TC include a 15-blade iris diaphragm, a light and a heavy frost filter, 2 rotating prisms, a 5-facet circular and a 4-facet linear prism. Fitted with a next-generation oversized cooling system HURACÁN PROFILE TC is the ultimate graphical tool for applications requiring power and refinement.

## OPTICS

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

## LIGHT SOURCE

- 53,000 lumens 6800 K light engine
- Luminaire output: up to 33,900 lumens
- Colour temperature output: 6400 K
- CRI: greater than 95
- Rated life (L70): up to 40,000 hours
- Flicker-free source

## MOVEMENT

- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
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- Range: 540° (pan), 262° (tilt)

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