

# HURACÁN



**AYRTON**  
Digital Lighting



## 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



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[www.ayrton.eu](http://www.ayrton.eu)