

HURACÁN LT



AYRTON

Digital Lighting

**Lumens****51,000****Kelvin****6700****CRI****>70****Zoom****3.5° - 53°**

HURACÁN LT

Classical 9 Series

011870

HURACÁN LT is the first LED beam-wash luminaire in the brand new line of "LT" (Long Throw) products dedicated to long-range applications. To achieve an ultra-intense beam from a LED source, AYRTON has added 225 mm-diameter, extra-large frontal optics weighing 7 kg. The proprietary optical system has 13 lenses, delivering a 15:1 zoom ratio and a zoom range of 3.5° to 53°. Fitted with a next-generation, oversized liquid phase-change cooling system and a new high-efficiency 1000 W LED module, HURACÁN LT delivers record light output of 51,000 lumens at a colour temperature of 6700 K when operating at a steady state. Provided with multiple optical tools designed for shaping light, HURACÁN LT is factory-equipped with a removable high-transmission diffusion filter to erase the edge of the beam without changing its angle; a progressive linear frost system for precision adjustment of the desired diffusion level; a special filter for creating artificial wash effects; a de-focusable rotating beam-shaping optic; and two image-multiplying rotating prisms – one linear with four facets, and the other circular with five facets.

HURACÁN LT has adopted the same revolutionary complex colour mixing system as HURACÁN LT offering a double CMY saturation level that can obtain over a trillion colours (patent pending) and a triple corrector for variable colour temperature that allows subtle adjustment from 2700 K to 15000 K and significant CRI improvement. HURACÁN LT features an advanced framing section, which enables 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 superimposed rotating gobo wheels each with seven HD glass gobos; a 15-blade iris diaphragm; a monochromatic multi-position effects wheel for horizontal, vertical or axial scrolling for creating flame, water or radiant effects (patent pending) and a RGB and CMY effects wheel for unique multicolour effects. HURACÁN LT, which combines exceptional light power and an ultra-intense beam with standard equipment in a class by itself, is a formidable tool for large venues, such as arenas and stadiums dedicated to major events.

OPTICS

- 13-element 15:1 zoom
- Beam aperture: 3.5° to 53°
- 225 mm frontal lens

LIGHT SOURCE

- 75,000 lumens 8200 K light engine
- Luminaire output: up to 51,000 lumens
- Colour temperature output: 6700 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

- 14 indexable rotating HD glass gobos
- Adjustable-speed rotating 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: +/- 60°

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: 3.0 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 867 x 280 mm (l x h x d)
- Foam: 745 x 550 x 660 mm (l x h x d)

WEIGHT

- Product: 53.8 kg

PRODUCT CODE

- 011870: HURACÁN LT



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www.ayrton.eu