

DOMINO LT



AYRTON

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

DOMINO LT

Classical IP65 9 Series

012670

DOMINO LT is the first all-terrain LED luminaire in the «LT» (Long Throw) range designed for intensive outdoor use in long-distance applications requiring high precision. To create this extreme luminaire unrivalled on the market, AYRTON has used "XXL" 225 mm-diameter frontal optics weighing 7 kg that can obtain an ultra-intensive beam. The proprietary optical system has 13 lenses, delivering a 15:1 zoom ratio and a zoom range of 3.5° to 53°. DOMINO LT was developed to cope with the most extreme conditions, able to acclimate to all types of environments and endure rapid climate change. For this purpose, DOMINO LT has borrowed from the style and minimalist design of DOMINO PROFILE, incorporating full weather-proofing features while ensuring total accessibility to the luminaire's internal functions. With its new die-cast aluminium frame, the luminaire uses the same base, reducing its visual footprint to a minimum. For greater efficiency, DOMINO LT has a highly effective next-generation, oversized cooling system fitted with six submersible fans outside its weatherproof enclosure.

Equipped with an all-new high-efficiency 1,000-watt LED module, DOMINO LT delivers a record luminous flux of 51,000 lumens at a colour temperature of 6700 K. DOMINO LT adopts the complex colour mixing system of HURACÁN PROFILE, offering a double level of CMY saturation that can obtain 281 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. Fitted with multiple optical tools for shaping light, DOMINO LT is factory-equipped with a linear progressive frost system, a lightweight frost filter, and two image-multiplying rotating prisms: one is linear with four facets and the other is circular with five facets. The framing section enables precise positioning of each shutter blade on a 100% surface area. The effects section includes two superimposed rotating gobo wheels each with seven gobos, a 15-blade iris diaphragm, a monochromatic multi-position effects wheel, and an RGB and CMY effects wheel for unique multicolour effects. DOMINO LT is a unique luminaire designed to face the most extreme conditions... It is the ultimate tool for stadiums and large arenas.

OPTICS

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

LIGHT SOURCE

- 75,000 lumen 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 automatic repositioning
- Range: 540° (pan), 270° (tilt)

COLOURS

- Sophisticated CMY colour mixing
- Variable CTO
- 6 complementary colours

GOBOS

- 14 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo in both directions
- Gobo diameter: 30.0 mm
- Image diameter: 25.0 mm
- Gobo thickness: 1.1 mm

FRAMING SYSTEM

- 4 individual shutter blades
- Positionable on 100% 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 graphic animation effect-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
- 5 menu buttons to set the functions
- Integrated LumenRadio™ receiver
- IP65 XLR 5 pin connectors
- IP65 RJ45 connectors
- IP65 powerCON TRUE1 TOP 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: 1,600 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 die-cast 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 mounting points
- Safety cable attachment point

OPERATING PARAMETERS

- Maximum temperature: 45° C (113° F)
- Minimum temperature: -20° C (-4° 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
- Substance regs: RoHS, REACH, CP65

SIZE

- Product: 490 x 884 x 330 mm (l x h x d)
- Foam: 765 x 665 x 555 mm (l x h x d)

WEIGHT

- Product: 60 kg

PRODUCT CODE

- 012670: DOMINO LT - IP65



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www.ayrton.eu