

# DOMINO LT

unrivalled

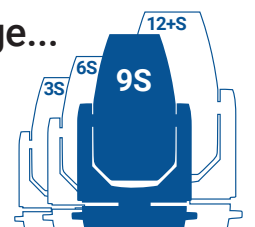


**AYRTON**  
Digital Lighting



# Domino LT unrivalled

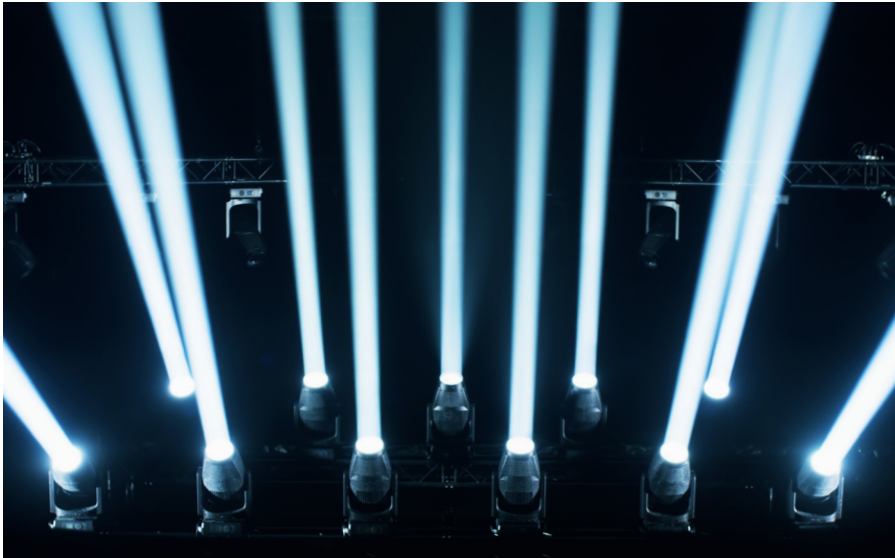
The ultimate tool for large arenas and stadiums enters the stage...  
An unrivalled luminaire that is unique in every way.



**T**his first IP65 LED fixture from the «LT» range was designed to outdo itself and explore new creative dimensions in the most complex climatic conditions. An unparalleled «all-terrain» machine, capable of performing with miraculous precision at long distances. A fearless fixture that can stand up to the elements.

**DOMINO LT, unrivalled.**

With DOMINO LT, Ayrton is taking a decisive step within the world of outdoor stage lighting.



Lumens

**51,000**

Colour temperature

**6700 K**

Native CRI

**greater than 70**

Beam Aperture

**3.5° to 53°**

Front Lens

**225 mm**



**Impossible to remain impassive before this force of nature**

A luminaire that offers serenity and unparalleled comfort of use. A monster of technology with exceptional capabilities that borrows from the style, robustness, and minimalist design of DOMINO PROFILE. It incorporates all the same waterproof features and offers total accessibility.

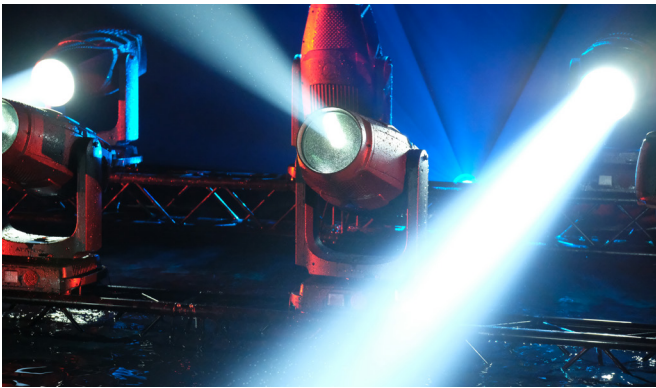
Equipped with «XXL» 7 kg front optics, DOMINO LT aims far, with precision and without compromise. Its ultra-intensive beam is incredible. The proprietary optical system has 13 lenses, delivering a 15:1 zoom ratio and a zoom range of 3.5° to 53°.



## DOMINO LT is raw power

The all-new high-efficiency 1,000-watt LED module delivers a record luminous flux of 51,000 lumens at a colour temperature of 6700 K.

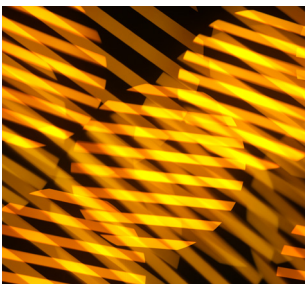
DOMINO LT adopts the complex colour mixing system of HURACÁN PROFILE, offering a double level of CMY saturation that can theoretically obtain 281 trillion colours. Its progressive triple-colour correction allows subtle adjustment from 2700 K to 15000 K and a noticeable improvement of CRI. A six-position complementary colour wheel.



15:1 Zoom ratio



Creative effects section includes  
**7 HD glass gobos**  
**7 aerial effects gobos**



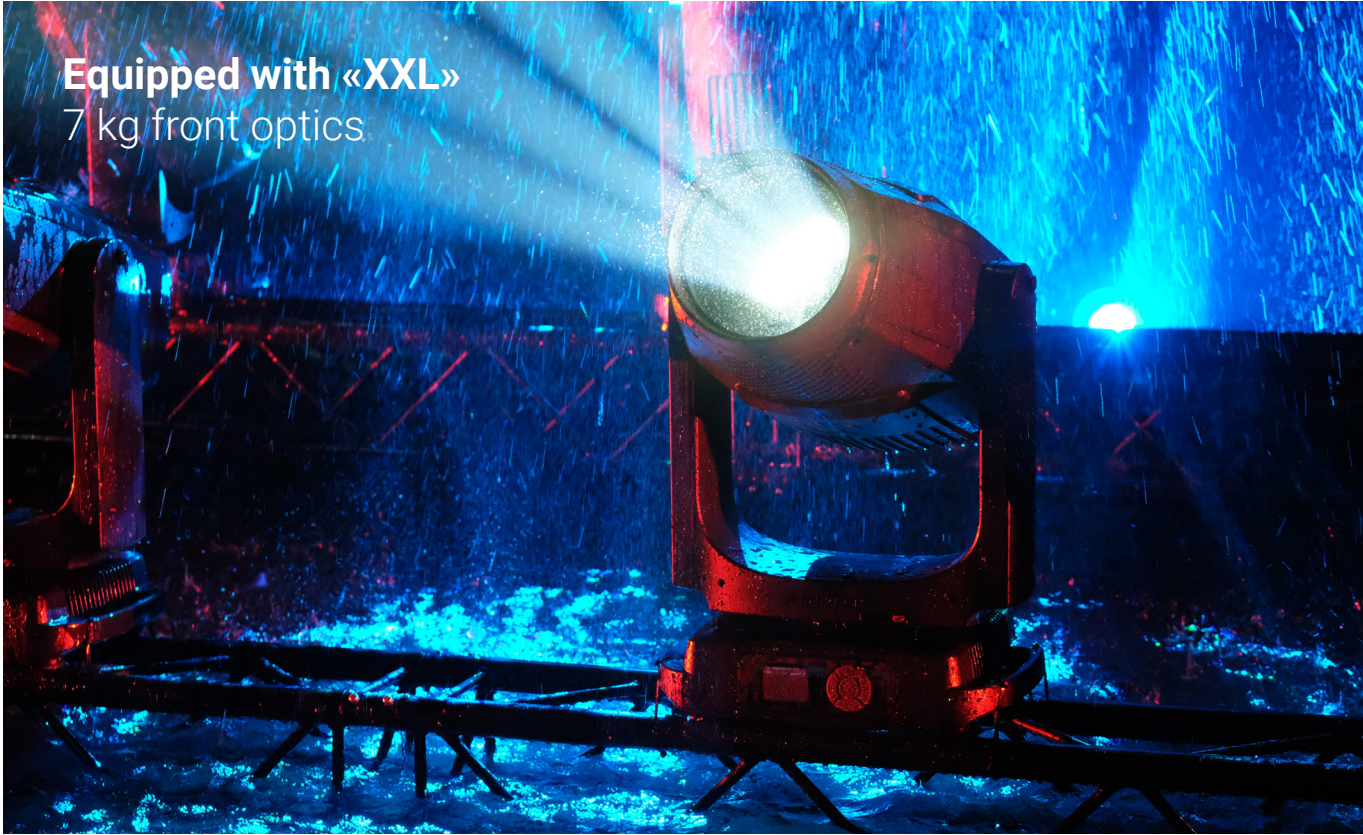
## Express your personality in total freedom

DOMINO LT features a framing section that enables precise positioning of each shutter blade on a 100% surface area. It is equipped with a 15-blade iris diaphragm. Its creative effects section includes two superimposed rotating gobo wheels, each fitted with seven gobos.

A multi-position monochromatic animation wheel. Its CMY RGB animation wheel can create multicoloured effects. Fitted with multiple optical tools for shaping light, DOMINO LT is factory-equipped with a linear progressive frost system, a lightweight frost filter, two image-multiplying rotating prisms: one is linear with four facets and the other is circular with five facets.

**CMY & RGB**  
animation  
effects wheel





Equipped with «XXL»  
7 kg front optics

### The epitome of the Ayrton philosophy

For greater efficiency, DOMINO LT has a highly effective next-generation, oversized cooling system fitted with six submersible fans outside its weatherproof enclosure. By broadening the range of possibilities, DOMINO LT is destined to become the reference in outdoor lighting. This IP65 fixture DOMINO LT is the epitome of the Ayrton philosophy. The radical long-range luminaire for large arenas and stadiums.

DOMINO LT, The unrivalled luminaire.  
In the endless pursuit of the incomparable...  
AYRTON continues to lead the way.



Radical long-range  
luminaire for large  
arenas and stadiums



### Colours



CMY colour mixing system



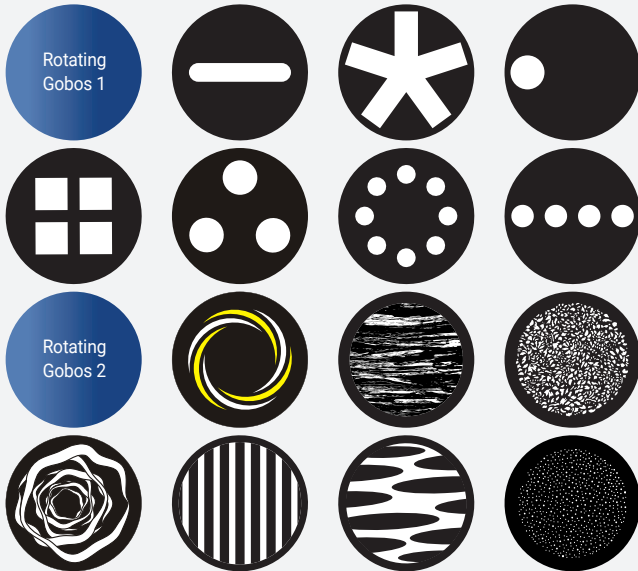
Variable CTB / CTO / CTP colour temperature correction



1/4 CTB Congo Blue Green Orange Blue Red

### Gobos

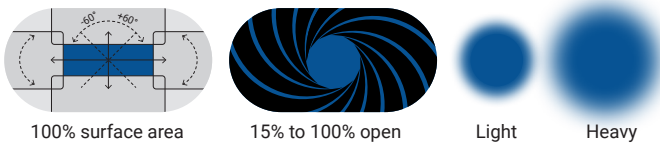
Gobos Ø 30 mm | Image Ø 25 mm



Framing system

Iris diaphragm

Frost filters



100% surface area

15% to 100% open

Light

Heavy

Graphical animation effects wheel



Monochromatic

CMY & RGB Colours

Prisms

Dimmer

Strobe



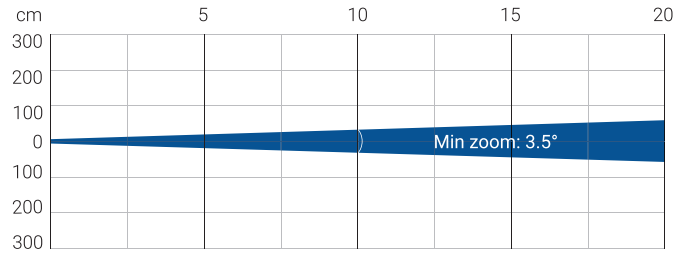
Circular

Linear

0 to 100 %

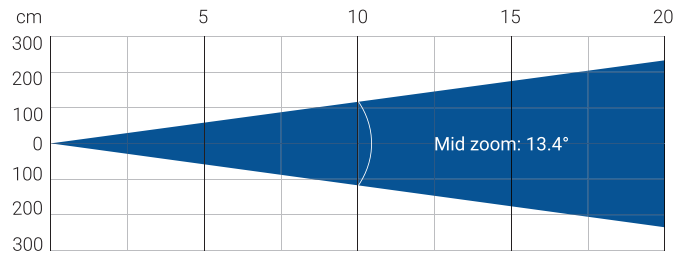
1 to 25 fl./sec.

### Photometry



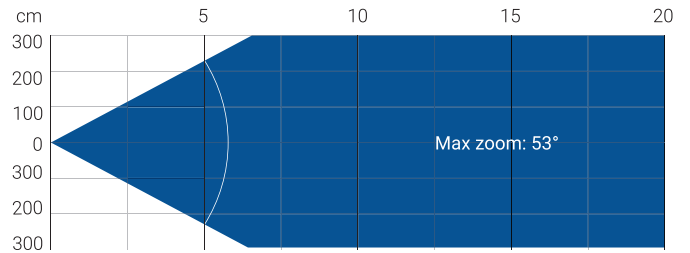
Distance (m)	5		10		15		20	
Unit	lux	Ø	lux	Ø	lux	Ø	lux	Ø
White	211,214	0.31	52,803	0.61	23,468	0.92	13,201	1.22

Note : measurement done with goniometer



Distance (m)	5		10		15		20	
Unit	lux	Ø	lux	Ø	lux	Ø	lux	Ø
White	38,391	1.17	9,598	2.35	4,266	3.52	2,399	4.7

Note : measurement done with goniometer



Distance (m)	5		10		15		20	
Unit	lux	Ø	lux	Ø	lux	Ø	lux	Ø
White	4,640	4.99	1,160	9.97	516	14.96	290	19.94

Note : measurement done with goniometer

Total Flux	52,800 lm Zoom at 128 (Integrating sphere)
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CCT LED Source	8200 (±500 K)
CCT Luminaire	6700 (±500 K)
Ra Luminaire	70 (±2)
TLCI	48
TM-30	Rf: 71.8 Rg: 92.4

Fan Mode	Noise Level (dBA)	Flux (lm)
Auto Mode	48	51,100
Silence Mode	42	35,300
Super Silence Mode	38	25,200
Stage Mode	54	52,800

Note: noise measured at 1m distance, static status, ambient 31dBA

## OPTICS

- 13-element 15:1 zoom high-resolution optic system
- Beam aperture: 3.5° to 53°
- Fast motorised linear zoom
- Tempered anti-reflective coated lenses
- 225 mm frontal lens for greater performance

## LIGHT SOURCE

- 75,000 lumens 8200 K white light engine
- Total luminaire output: up to 51,000 lumens (integrating sphere measurement, Auto Fan Mode)
- Colour temperature output: 6700 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source management suitable for TV applications and all video-recorded events

## MOVEMENT

- Highly accurate positioning
- Moving-head operated via either 8- or 16-bit resolution
- High-resolution stepper motors operated via microprocessors to ensure extreme accuracy and smooth movement
- Pan and tilt automatic repositioning
- Moving-head range: 540° (pan), 270° (tilt)

## COLOURS

- Complex colour mixing system with a double CMY saturation level capable of generating trillions of colours (patent pending).
- Variable CTB colour temperature correction
- Variable CTO colour temperature correction
- Variable CTP colour temperature correction
- Fixed colour wheel with six complementary colours

## GOBOS

- Two indexable rotating gobo wheels with seven high-precision glass gobos, plus open position
- 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 individually positionable shutter blades on a 100% surface area in all positions
- Rotation of the framing system module: +/- 60°

## IRIS DIAPHRAGM

- Fast iris diaphragm with adjustable dynamic effects
- Iris range: 15% to 100% open

## FROST

- Progressive linear frost for wash effect
- Light frost for erasing the edge of the beam

## EFFECTS

- Graphic animation effects-wheel with continuous rotation in both directions
- CMY & RGB colour graphic animation effects-wheel with continuous rotation in both directions
- 2 combinable rotating and indexable prisms: one 5-facet circular, one 4-facet linear

## DIMMER / STROBE

- Electronic dimmer, allowing perfect light adjustment from 0 to 100% without colour variation
- Strobe effect, with speed adjustment from 1 to 25 flashes per second

## SOFTWARE FEATURES

- Local DMX addressing of luminaire and optional parameters through its built-in LCD control panel
- Remote DMX addressing of luminaire and optional parameters through a standard RDM DMX controller
- Information menu including hour counter, temperature, software version

## HARDWARE FEATURES

- Graphic LCD display for addressing and special functions settings, with flip function
- 5 menu buttons to set the functions
- Excess temperature protection
- Integrated wireless CRMX TiMo™ RDM receiver from LumenRadio™

## IP65 VERSION

- IP65 XLR 5-pin male and female connectors
- IP65 RJ45 IN / OUT connectors for ArtNet™
- IP65 PowerCON TRUE1 male connector

## IP66 VERSION

- DMX IN / OUT tails to bare end for IP66
- Ethernet IN / OUT tails to bare end for IP66 ArtNet
- Power tail to bare end for IP66

## CONTROL

- DMX 512 protocol, through IP65 DMX cable or a wireless system
- DMX-RDM compatible
- Stand-alone mode and Master/Slave modes
- ArtNet™ & sACN protocol through Ethernet cable
- Local control panel, with IP65 LCD display
- Choice of 3 DMX modes (from 44 to 70 DMX channels)

## POWER SUPPLY

- Electronic supply with active PFC
- 120 to 240 Volts – 50/60Hz
- Power: 1,470 W maximum

## COOLING SYSTEM

- Advanced liquid cooling system
- IP68 self-adjusting variable speed fans for quiet operation (Auto mode)
- Selectable ventilation user modes with a new Super Silent Mode
- Safety protection against temperatures excesses

## HOUSING

- Moving-head skeleton made of die-cast aluminium
- Base in die-cast aluminium
- Heatsinks in aluminium and copper
- Moulded covers in die-cast aluminium
- Two-side handles for transportation
- Four heavy-duty feet for better stability
- IP65 protection rating
- Exterior finish: black (Carbon)

## INSTALLATION

- Fastening-bracket system: two Omega ¼ turn brackets designed for use with standard clamps
- Mounting points: eight ¼ turn locking fittings allowing installation of Omega brackets on luminaire
- 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: 3.0 m (9.84 ft)

## COMPLIANCE

### EU (EMC & LVD):

- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU

### US (Safety & EMC)

- UL 1573
- FCC Part 15, Subpart B:2018

## SIZE

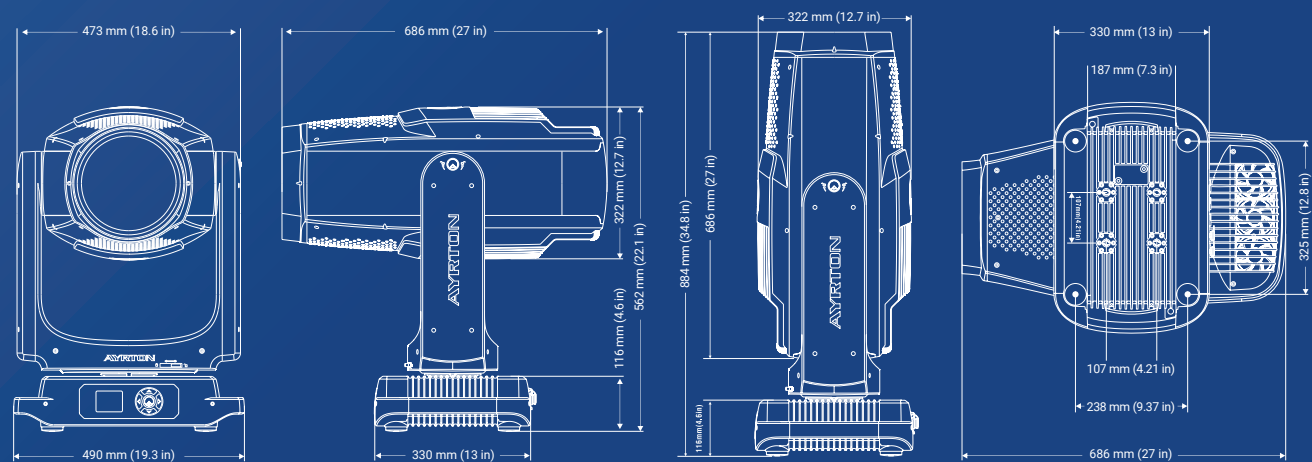
- Product: 490 x 884 x 330 mm (l x h x d)
- Flight-case foam: 765 x 665 x 555 mm (l x h x d)

## WEIGHT

- Product: 60.0 kg

## PRODUCT CODES

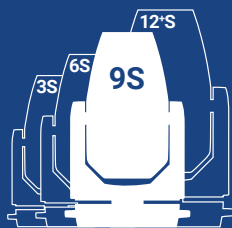
- 012670: DOMINO LT - CLASSICAL IP65 9 SERIES
- 012672: DOMINO LT - CLASSICAL IP66 9 SERIES





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

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