

DOMINO PROFILE

the master of the elements



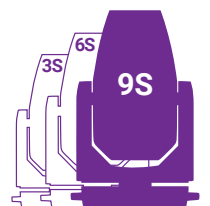
AYRTON

Digital Lighting



The master of the elements can dominate the most extreme conditions

DOMINO PROFILE was designed to confront hot or cold temperatures, wind, rain, hail, sand, dust... It can withstand arid environments, heavy rainfall, and sudden climatic variations.



No other luminaire has performed so effortlessly in hostile weather conditions.

DOMINO PROFILE is the master of the elements.

A new member of AYRTON's IP65 multi-function luminaire family designed for intensive outdoor use, DOMINO PROFILE is a marvel of technology that combines extraordinary light power with full-featured standard equipment. AYRTON has integrated all the weatherproof features of Perseo in this new luminaire and borrowed from the same minimalist design. With its new high-efficiency power supply and die-cast aluminium frame, the luminaire uses the same original design in a reduced visual footprint.



In the realm of light, DOMINO PROFILE reigns supreme

Designed around the exceptional optics of HURACÁN PROFILE, this fixture was specifically developed to achieve an optimal resolution-to-performance-to-efficiency ratio. These optics deliver an extremely uniform flat beam with no hot spot and reproduce high-definition images impeccably.

Fitted with a 178 mm frontal lens, the proprietary optical system uses 13 lenses delivering a 10-to-1 zoom ratio and a zoom range of 6° to 60°.

IP65
Water-resistant



The master of the elements can weather all situations

DOMINO PROFILE is equipped with an entirely new 1000 Watt monochromatic high-efficiency L.E.D. emitter. The luminaire comes in two versions:

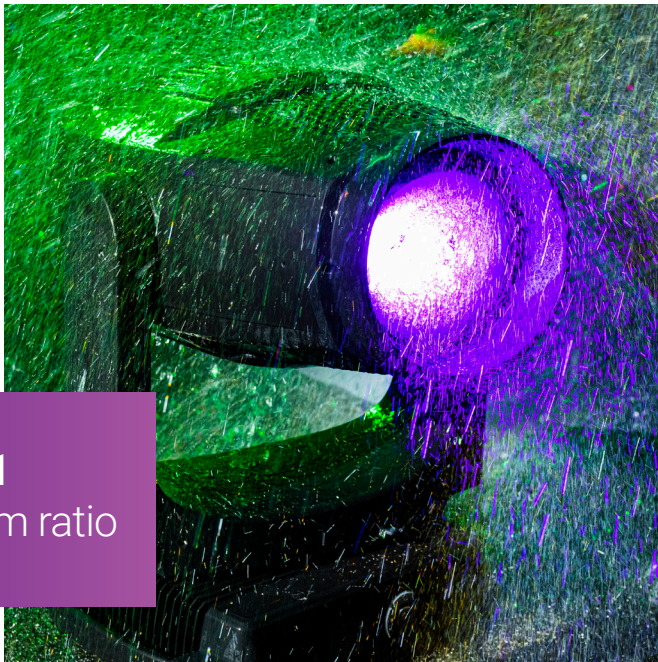
DOMINO PROFILE S is designed for scenic applications. It can deliver powerful metallic white light with record-breaking output of 51,000 lumens at a colour temperature of 7000 Kelvin.

DOMINO PROFILE TC will amaze colour aficionados with its C.R.I. greater than 90 and extremely high TM30 readings, at a colour temperature of 6500 Kelvin.

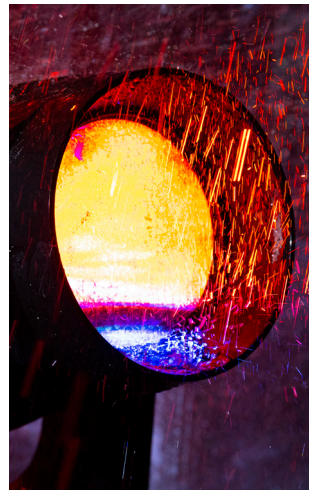


14 HD
glass gobos

9 Series - Source	Lumens	Native CRI	Front Lens	Weight
1,000 W - 7000 K	51,000	greater than 90	178 mm	52 Kg
S version	S version	TC version	S & TC version	S & TC version



10:1
zoom ratio



Feature-rich from the factory

DOMINO PROFILE includes: a CMY colour mixing system, which, combined with a variable CTO and a wheel with six complementary colours, produces an infinite palette of vivid pastels and saturated colours; two filters for optimising colour rendering index and TM30 readings.

DOMINO PROFILE delivers a deluge of effects, all equally spectacular

The framing section allows accurate positioning of four individual 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 wheels with seven interchangeable rotating high-definition glass gobos; two graphics animation effect wheels: one CMY multi-layered, the other black and white with continuous rotation in both directions and a lightning-fast 15-blade iris diaphragm.



A luminaire that dominates the most unpredictable situations and delivers stunning effects

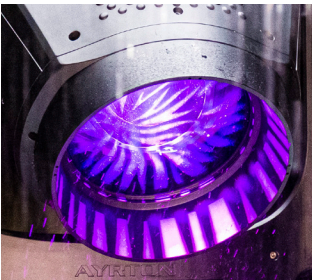
Water effects by Aquatique Show

Water, sun, earth and air obey only one master: DOMINO PROFILE

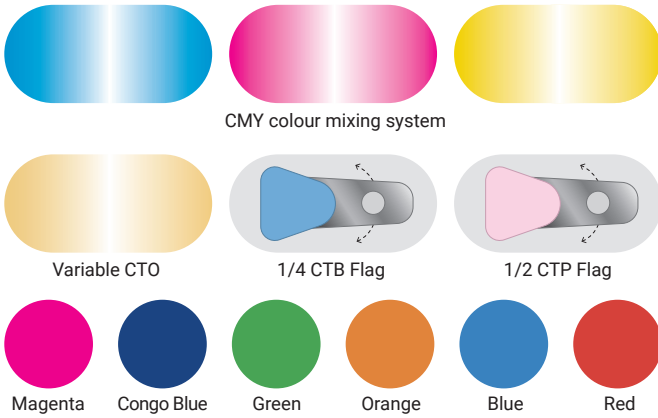
Additional standard features in DOMINO PROFILE include light and heavy frost filters; two combinable rotating prisms one circular with five facets, one linear with four facets; a dynamic animation effect with speed and fade adjustment; an electronic dimmer allowing perfect light adjustment from 0 to 100%. DOMINO PROFILE offers a new water-resistant menu navigation system. For maximum effectiveness, DOMINO PROFILE has a liquid cooling system fitted with six submersible fans outside its weatherproof enclosure. The master of the elements performs outstandingly in the most unexpected, atypical situations. AYRTON, in the endless pursuit of challenging the elements.



A machine you can count on in **the most hostile environments**



Colours



Gobos

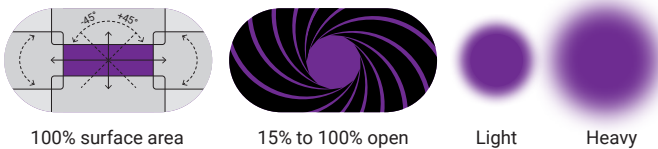
Gobos Ø 30 mm | Image Ø 25 mm



Framing system

Iris diaphragm

Frost filters



Graphical animation effects wheel

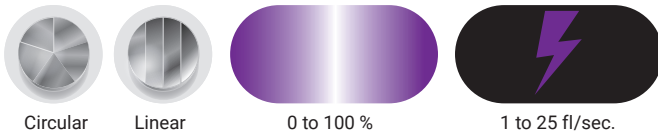
Sparkle effect



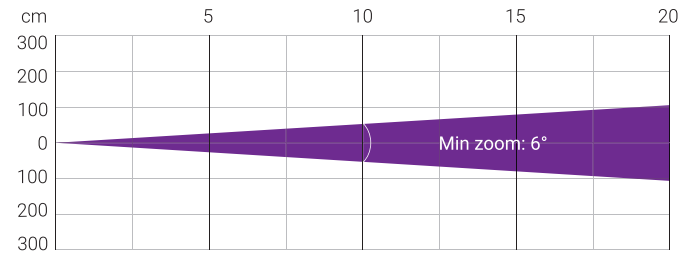
Prisms

Dimmer

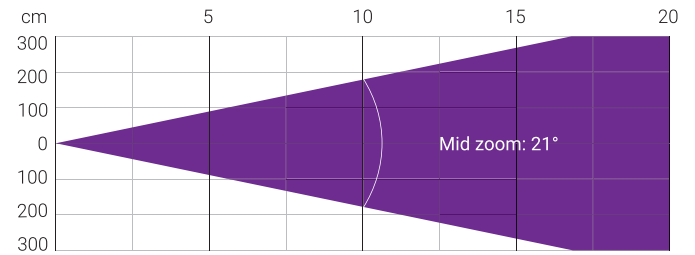
Strobe



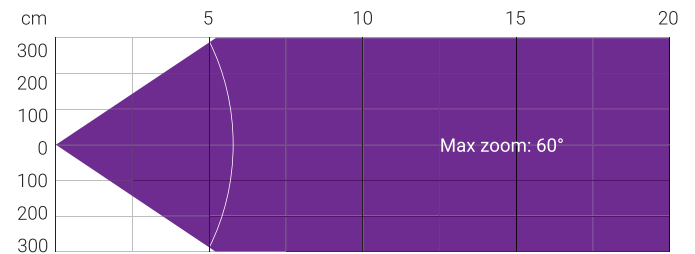
Photometry



Distance (m)	5		10		15		20	
Unit	lux	Ø	lux	Ø	lux	Ø	lux	Ø
S version	96,000	0.52	24,100	1.04	10,700	1.56	6,000	2.08
TC version	72,000		18,000		8,000		4,500	



Distance (m)	5		10		15		20	
Unit	lux	Ø	lux	Ø	lux	Ø	lux	Ø
S version	18,100	1.85	5,000	3.62	2,000	5.3	1,100	7.1
TC version	12,600		3,250		1,450		810	



Distance (m)	5		10		15		20	
Unit	lux	Ø	lux	Ø	lux	Ø	lux	Ø
S version	2,750	5.83	790	11.66	300	17.49	165	23.32
TC version	1,750		525		230		125	

Version	S version	TC version
Total Flux (Integrating sphere)	51,300 lm (zoom at 41%)	36,400 lm (zoom at 41%)
CCT LED Source	8000 (±400 K)	7000 (±400 K)
CCT Luminaire	7000 (±400 K)	6500 (±400K)
Ra Luminaire	71 (Ra: 70)	91 (Ra: 90±2)
TLCI	48	88
TM-30	Rf: 69 Rg: 92.7	Rf: 86.1 Rg: 96.8

Fan Mode (Noise Level)	S version	TC version
Auto Mode: 48 dBA	50,600 lm	36,100 lm
Silence Mode: 39 dBA	31,400 lm	22,800 lm
Stage Mode: 53 dBA	51,300 lm	36,400 lm
Studio Mode: 44 dBA	41,000 lm	29,500 lm

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

OPTICS

- 13-element 10:1 zoom high-resolution optic system
- Beam aperture: 6.0° to 60°
- Fast motorised linear zoom
- Tempered anti-reflective coated lenses
- 178 mm frontal lens for greater performance

LIGHT SOURCE

S VERSION:

- 75,000-lumen 8000 K white light engine
- Total luminaire output: up to 51,000 lumens
- Colour temperature output: 7000 K
- CRI: greater than 70

TC VERSION:

- 56,000-lumen 7000 K white light engine
- Total luminaire output: up to 36,400 lumens
- Colour temperature output: 6500 K
- CRI: greater than 90

S & TC VERSION:

- Rated life (L70): up to 40,000 hours
- Flicker-free source management suitable for TV applications and all video-recorded events

MOVEMENT

- Extremely 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

- Sophisticated colour mix system providing CMY colour mixing
- Variable CTO colour temperature correction
- Fixed colour wheel with six complementary colours
- 2 CRI and TM30 optimizer filters

GOBOS

- 2 indexable rotating gobo wheels with 7 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

- 2 frost filters: one light, one heavy

EFFECTS

- Focusable black & white graphic animation effect-wheel with continuous rotation in both directions
- Focusable colour graphic animation effect-wheel with continuous rotation in both directions
- 2 rotating and indexable prisms: one 5-facet circular, one 4-facet linear
- Sparkle effect: dynamic animation effect with speed and fade adjustment

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 function settings, with flip function
- 5 menu buttons to set the functions
- Excess temperature protection
- Integrated wireless CRMX TiMo™ RDM receiver from LumenRadio™
- IP65 XLR 5-pin connectors for DMX connection
- IP65 RJ45 IN / OUT connectors for ArtNet™ connection
- IP65 PowerCON TRUE1 TOP male connector for power connection

CONTROL

- DMX 512 protocol, 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 66 DMX channels)

POWER SUPPLY

- Electronic supply with active PFC
- 110 to 240 Volts – 50/60Hz
- Power: 1700 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 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 brackets 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

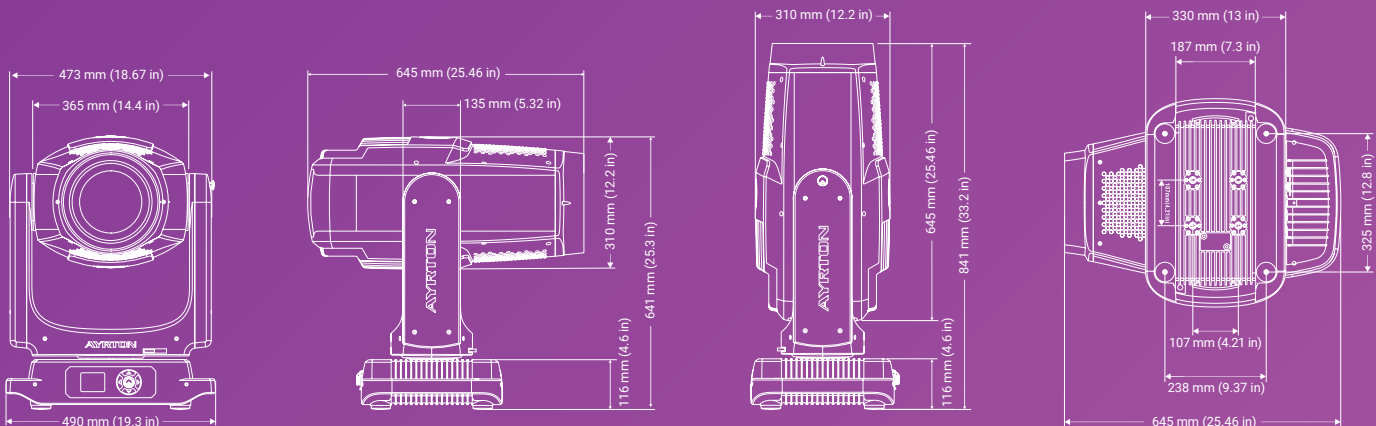
- Product: 490 x 841 x 330 mm (l x h x d)
- Flight-case foam: 715 x 665 x 555 mm (l x h x d)

WEIGHT

- Product: 52 kg

PRODUCT CODES

- 012640: DOMINO PROFILE S - CLASSICAL IP65
- 012650: DOMINO PROFILE TC - CLASSICAL IP65





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www.ayrton.eu

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