

PERSEO BEAM

emotion player



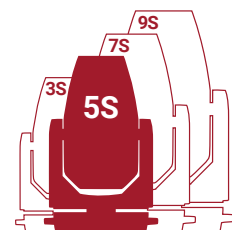
AYRTON
Digital Lighting



PERSEO BEAM emotion Player

Start the game...

Ayrton's new creation is a pure player that allows you to express yourself without limit in a unique style... your style.



2° Beam

This extraordinary fixture will truly amaze you... and make you feel incredible emotion!

PERSEO BEAM Emotion Player.

Superimpose and combine... and create excitement!

Well-suited for indoor as well as outdoor use, this luminaire will concentrate everyone's attention with its ultra-intensive 2° beam... opening up new horizons with an impressive 21-times zoom.



Lumens

18,000

Colour Temperature

6800 K

Beam Aperture

2° to 42°

Front Lens

168 mm

Weight

41.5 kg



Well-suited for indoor as well as outdoor use

Take it to the next power level with a brand new ultra-compact 450-Watt monochromatic LED emitter – specially developed for long-distance applications – that allows you to obtain a luminous flux of 18,000 lumens at a colour temperature of 6800 K.



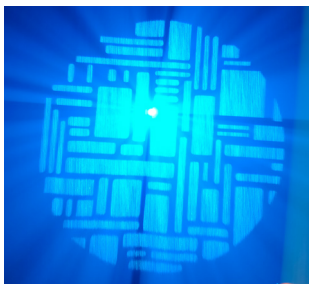
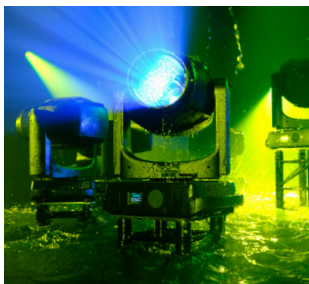
Explore the richness of the chromatic circle...

PERSEO BEAM is supplied with a highly innovative colour section including a CMY colour mixing system, a progressive linear CTO an instant-access multi-position colour wheel fitted with 4 colour-temperature correction filters, and 13 complementary-colour filters on two concentric circles.

PERSEO BEAM offers a wide choice of 48 fixed and rotating gobos distributed on two wheels including 28 glass gobos for the projection of high-definition images and 20 metal gobos specifically created to sculpt light in beam mode.



18,000 lumens
6800 K



21X Zoom ratio



Push the boundaries of your creativity...

...by blending the 48 gobos with the 4 combinable individual rotating prisms and generate a multitude of dynamic effects. For an even more exhilarating visual experience, PERSEO BEAM integrates an RGB/CMY multi-layer gobo that allows you to produce spectacular multicoloured effects.

A graphic effect-wheel with continuous rotation in both directions and 2 frost filters complete the PERSEO BEAM tool palette. Boost the pace with the continuous rotation of the pan movement and multiply the possibilities for creating complex effects. An electronic dimmer allows perfect light adjustment from 0 to 100%.

Fixed gobo wheel
28 HD glass gobos
20 metallic gobos





Ultra-intensive beam
2° to 42°

**Enhance your gameplay
and produce 3D effects**

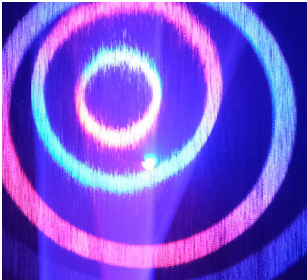
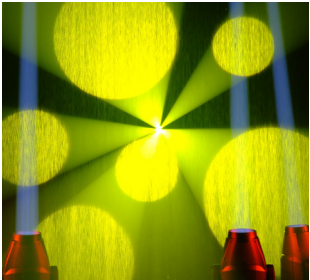
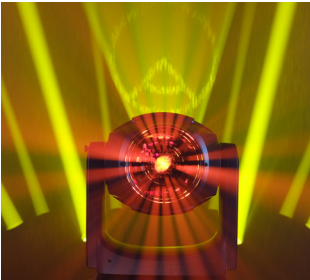
PERSEO BEAM has fully waterproof features, easy accessibility, and is light weight. The luminaire was designed and developed to operate in the most extreme conditions and resist hot or cold temperatures, rain, sand, dust....

Start the game!

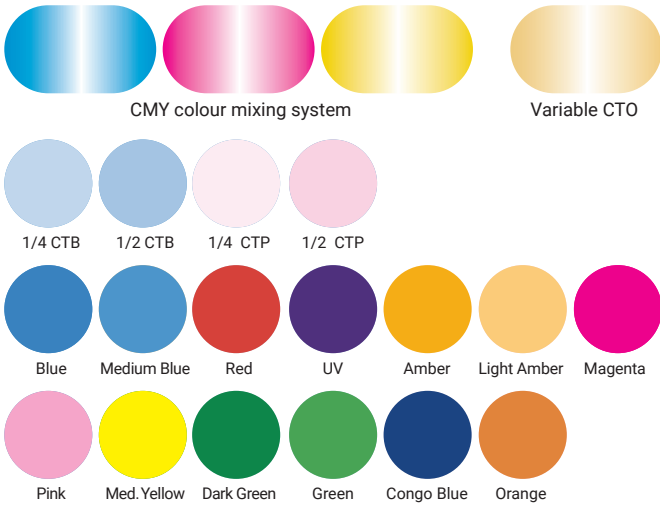
Enhance your gameplay and produce 3D effects for an immersive performance experience. PERSEO BEAM promises to deliver the most stunning effects. In pursuit of unforgettable emotions... Ayrtton continues to lead the way.



4 combinable
rotating prisms

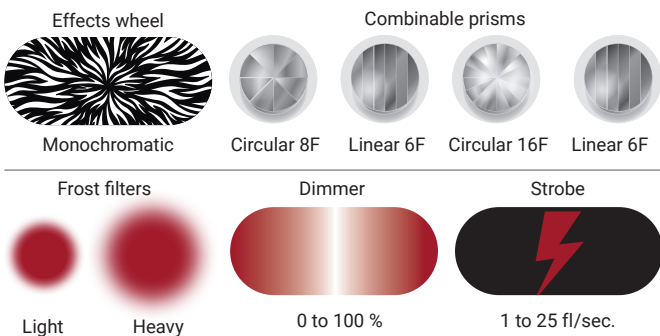


Colours

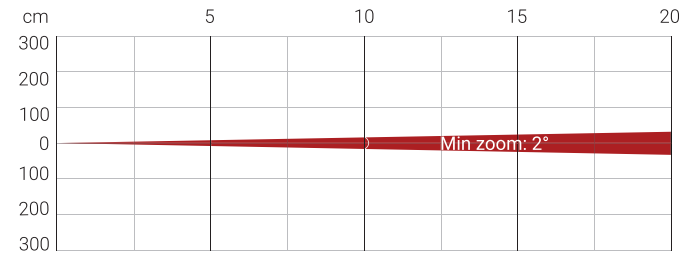


Gobos

Gobos Ø 18 mm | Image Ø 12 mm

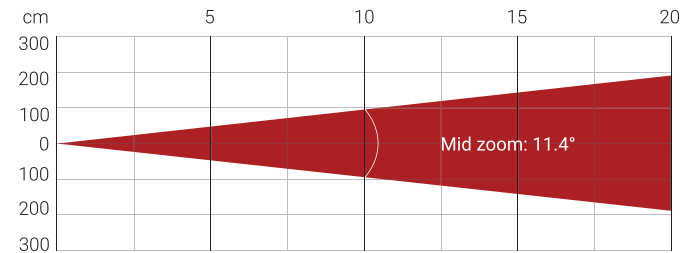


Photometry



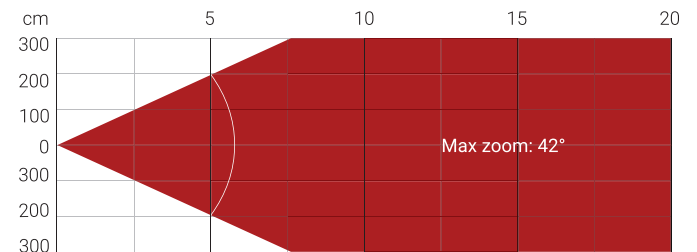
Distance (m)	5		10		15		20	
Unit	lux	Ø	lux	Ø	lux	Ø	lux	Ø
White	164,492	0.17	41,123	0.34	18,276	0.51	10,280	0.68

Note : measurement done with goniometer



Distance (m)	5		10		15		20	
Unit	lux	Ø	lux	Ø	lux	Ø	lux	Ø
White	17,907	0.99	4,477	1.98	1,990	2.97	1119	3.96

Note : measurement done with goniometer



Distance (m)	5		10		15		20	
Unit	lux	Ø	lux	Ø	lux	Ø	lux	Ø
White	2,267	3.8	567	7.6	252	11.4	142	15.2

Note : measurement done with goniometer

Total Flux	18,100 lm Zoom at 41% (Integrating sphere, Fan mode AUTO)	
CCT LED Source	9000 (±400 K)	
CCT Luminaire	6800 (±400 K)	
Ra Luminaire	70 (±2)	
TLCI	44	
TM-30	Rf: 69 Rg: 94	

Fan Mode	Noise Level (dBA)	Flux (lm)
Auto Mode	44.8	18,100
Silence Mode	39.1	12,600
Super Silence Mode	34.8	10,600
Stage Mode	49.1	18,400

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

OPTICS

- 13-element 21:1 zoom high-resolution optic system
- Beam aperture: 2° to 42°
- Fast motorised linear zoom
- Tempered anti-reflective coated lenses
- 168 mm frontal lens for greater performance

LIGHT SOURCE

- 25,000 lumens, 9000 K white-light engine
- Total luminaire output: up to 18,000 lumens (Fan mode AUTO)
- Colour temperature output: 6800 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 (integrating sphere measurement)

MOVEMENT

- Extremely accurate positioning
- Moving-head operated with 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: infinite rotation (pan), 270° (tilt)

COLOURS

- Sophisticated colour mixing system providing CMY colour mixing
- Variable CTO colour temperature correction
- Fixed colour wheel with four colour temperature correction and 13 complementary colours

GOBOS

- Indexable rotating gobo wheel with 9 high-precision glass gobos, plus open position
- Adjustable-speed rotating gobo in both directions
- Gobo diameter: 18.0 mm
- Image diameter: 12.0 mm
- Fixed multi-position gobo wheel with instant access to 19 HD glass gobos and 20 metal gobos on three concentric circles (patent pending)
- Image diameter: 12.0 mm

FROST

- Heavy frost filter
- Light frost filter

EFFECTS

- Graphic animation effect-wheel with continuous rotation in both directions
- Prism effect system comprising four combinable rotating prisms

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 a 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 functions
- Excess-temperature protection
- Integrated wireless CRMX TiMo™ RDM receiver from LumenRadio™
- IP65 XLR 5-pin male and female connectors for DMX connection
- IP65 RJ45 IN / OUT connectors for ArtNet™ connection
- IP65 PowerCON TRUE1 male connector for power connection

CONTROL

- DMX 512 protocol, through 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 29 to 42 DMX channels)

POWER SUPPLY

- Electronic supply with active PFC
- 100 to 240 Volts - 50/60Hz
- Power: 700 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 temperature 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: four 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 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

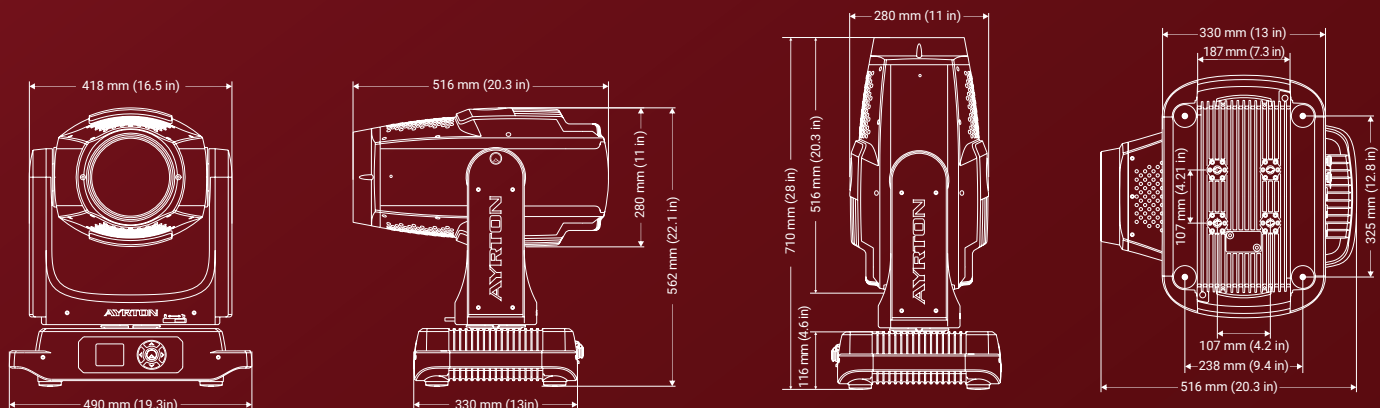
- Product: 490 x 710 x 330 mm (l x h x d)
- Flight-case foam: 655 x 590 x 555 mm (l x h x d)

WEIGHT

- Product: 41.5 KG

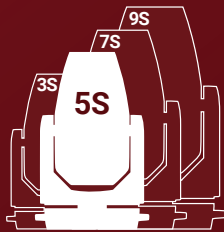
PRODUCT CODES

- 012470: PERSEO BEAM





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www.ayrton.eu

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