

# PERSEO BEAM



**AYRTON**

**Lumens****18,000****Kelvin****6800****CRI****>70****Zoom****2° - 42°**

## PERSEO BEAM

Classical IP65 6 Series

012470

PERSEO BEAM is the first compact, waterproof multi-function beam effect LED luminaire. Well-suited for use indoors as well as outdoors, the fixture is equipped with an ultra-intensive 2° beam and 21x zoom ratio, making it an extraordinary tool that will help you achieve some incredibly exciting effects. PERSEO BEAM is endowed with unprecedented graphic capability, offering 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. These gobos can be blended with four individually combinable rotating prisms that allow you to produce a multitude of volumetric lighting effects. An RGB/CMY multi-layer gobo lets you generate dynamic multicolour effects. An effect-wheel with continuous rotation in both directions and two frost filters complete the PERSEO BEAM tool palette. Continuous rotation of the pan movement multiplies the possibilities for creating complex effects.

PERSEO BEAM is equipped with a highly innovative colour section including a CMY colour mixing system, a progressive linear CTO, an instant-access multi-position colour wheel supplied with four colour-temperature correction filters, and 13 complementary-colour filters on two concentric circles (patent pending). Fitted with a 168 mm frontal lens, the proprietary optical system uses 13 lenses, producing a zoom range of 2° to 42°. A brand new ultra-compact 450 W monochromatic LED emitter specially developed for long-distance applications can obtain a luminous flux of 18,000 lumens at a colour temperature of 6800 K operating at a steady state. PERSEO BEAM borrows from the same minimalist design as PERSEO PROFILE, incorporating all the waterproof features while being easily accessible and lightweight. The luminaire was designed and developed to operate in the most extreme conditions and resist hot or cold temperatures, rain, sand, dust. This new creation by AYRTON allows you full expression without constraints or limits in a style that is your own.

## OPTICS

- 13-element 21:1 zoom
- Beam aperture: 2° to 42°
- 168 mm frontal lens

## LIGHT SOURCE

- 25,000 lumens 9000 K light engine
- Luminaire output: up to 18,000 lumens
- Colour temperature output: 6800 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: infinite rotation (pan), 263° (tilt)

## COLOURS

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

## GOBOS

- 9 indexable rotating HD glass gobos
- Adjustable-speed rotating gobo
- 19 fixed HD glass gobos
- 20 fixed metal gobos
- Rotating gobo diameter: 18.0 mm
- Rotating gobo Image diameter: 12.0 mm

## FROST

- 2 frost filters: one light, one heavy

## PRISMS

- 4 combinable rotating and indexable prisms

## EFFECTS

- Focusable 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
- 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 (29 to 42 DMX channels)

## POWER SUPPLY

- 100 to 240 Volts – 50/60 Hz
- Power: 700 W maximum

## COOLING SYSTEM

- Advanced liquid cooling system
- IP68 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
- IP65 protection rating
- Exterior finish: black (Carbon)

## INSTALLATION

- Two Omega ¼ turn brackets
- Four ¼ turn mounting points
- Safety cable attachment point

## OPERATING PARAMETERS

- Maximum temperature: 45 °C (113 °F)
- Minimum temperature: -20 °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: 490 x 710 x 330 mm (l x h x d)
- Foam: 655 x 590 x 555 mm (l x h x d)

## WEIGHT

- Product: 41.5 kg

## PRODUCT CODE

- 012470: PERSEO BEAM



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