

AYRTON PERSEO PROFILE

Compact Multi-Function Luminaire

PERSEO PROFILE is the first compact multi-function luminaire with an IP65 enclosure rating developed by Ayrton for intensive outdoor use.

Equipped with a new 500 W ultra-compact monochromatic LED source calibrated at 8000 K, it can deliver metallic white light with an output of 27,400 lumens. Ayrton has specifically developed the optics in PERSEO PROFILE to achieve an optimal resolution-to-performance-to-efficiency ratio. They allow perfect image reproduction and significant improvement from distortion caused by the shutter blades with wide zoom. The optics produce a highly uniform flat beam with no hot spot, achieving a perfect colour mix regardless of the colour combination selected. Fitted with a 148 mm frontal lens, this proprietary system has 13 lenses, delivering an 8:1 zoom ratio and a zoom range of 7° to 58°. Ayrton has endowed this next generation luminaire with a new minimalist design in lighter weight die-cast aluminium, incorporating full weather-proofing features that ensure easy accessibility. For greater efficiency, PERSEO PROFILE is provided with a highly effective phase-change liquid cooling system fitted with six submersible fans located outside the watertight enclosure.



OPTICS

- 13-elements, 8:1 zoom high-resolution optic system
- Beam aperture: 7° to 58°
- Fast motorised linear zoom
- Tempered anti-reflective coated lenses
- 148 mm frontal lens for greater performance

LIGHT SOURCE

- 40,000 lumens 8200 K white light engine
- Total luminaire output: up to 30,000 lumens
- Colour temperature output: 6900 K
- CRI: greater than 70

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

GOBOS

- Indexable rotating gobo wheels with 7 high-precision glass gobos, plus open position
- Adjustable-speed rotating gobo in both directions
- Fixed gobo wheel with 11 high-precision glass gobos (special shape), plus open position
- Gobo diameter (rotating gobo): 27 mm
- Image diameter: 22.0 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: +/- 45°

IRIS DIAPHRAGM

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

ORDER WITH US TODAY

P: +44 (0) 1279 624 840 E: europa@4wall.com W: www.4wall.com



AYRTON PERSEO PROFILE

Compact Multi-Function Luminaire

FROSTS

2 frost filters: one light, one heavy

EFFECTS

Focusable graphic animation effect-wheel with continuous rotation in both directions

2 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™

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 IP65 Ethernet cable

Local control panel, with IP65 LCD display

Choice of 4 DMX modes (from 38 to 61 DMX channels)

POWER SUPPLY

Electronic supply with active PFC

100 to 240 Volts – 50/60 Hz

Power: 800 W maximum

COOLING SYSTEM

Advanced liquid cooling system

IP68 self-adjusting variable speed fans for quiet operation (Auto)

Selectable ventilation user modes with a new Silent Mode

Safety protection against excess temperature

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 (14 °F)

Minimum usage distance: 2.0 m (6.56 ft)

ORDER WITH US TODAY

P: +44 (0) 1279 624 840 E: europe@4wall.com W: www.4wall.com

VIDEO | LIGHTING | RIGGING

AYRTON PERSEO PROFILE

AYRTON Compact Multi-Function Luminaire

WEIGHT

Product: 38.8 kg

COMPLIANCE - EU (EMC & LVD):

EMC Directive 2014/30/EU

LVD Directive 2014/35/EU

COMPLIANCE - 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: 38.8 kg

PRODUCT CODES

012440: PERSEO PROFILE S VERSION – IP65

012442: PERSEO PROFILE S VERSION – IP66

012450: PERSEO PROFILE TC VERSION – IP65

012452: PERSEO PROFILE TC VERSION – IP66

The ultimate in versatility, designed for multiple outdoor and indoor applications,

PERSEO PROFILE boasts feature-rich standard equipment including a subtractive CMY colour mixing system combined with a variable CTO and a wheel with six complementary colours that produces an infinite palette of vivid pastels and saturated colours. The framing section allows accurate positioning of four 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 image section includes 18 interchangeable HD glass gobos on two wheels: one rotating wheel with seven positions and one fixed wheel with eleven positions. The effects section includes a continuous dynamic effects wheel; a 15-blade iris diaphragm; two frost filters, one light, one heavy; and two rotating prisms, one circular with 5 facets and one linear with 4 facets. PERSEO PROFILE presents a sleeker, updated, industrial design, with perfectly straightened yoke arms, a minimalist base and a new water-resistant menu navigation system. PERSEO PROFILE can be controlled by DMX-RDM, ArtNet™ or a wireless link using CRMX TiMo RDM from LumenRadio™.



ORDER WITH US TODAY

P: +44 (0) 1279 624 840 E: europa@4wall.com W: www.4wall.com

VIDEO | LIGHTING | RIGGING