

versaPix¹⁰⁰



AYRTON

Light in action

versapix¹⁰⁰

VERSAPIX 100 LED MODULAR LUMINAIRE

VERSAPIX 100 is a modular LED luminaire allowing the creation of a large variety of visual effects (patent pending). It is made up of 8 independent 15-Watt RGBW modules, fitted with 45-mm optics that allow a very powerful 8° native beam. Each module has its own cooling system based on the use of a radiator equipped with heat transfer fluids with heat-exchange material. When combined with optional optical filters, the beams of the VERSAPIX 100 can transform into horizontal or vertical blades of light.



Each LED module can be controlled individually and offers a multitude of effect options. Numerous pre-programmed dynamic effects are available in the internal memory, which can be combined with multiple reproduction methods and colour macros. The VERSAPIX 100 units can be interchanged to create complex luminaires in the shape of discs, spheres, cylinders, fans or be installed individually in multiple architectural configurations. The only limit for using the VERSAPIX 100 is your imagination.





OPTICS

- High-efficiency PMMA secondary optics
- 85% optic efficiency
- Beam aperture: 8°
- Beam aperture can be modified using dedicated AYRTON optic Filters

LIGHT SOURCE

- 8 Multi-chip 15W High-Power LED sources
- Light output: up to 3.000 lumen
- Rated Sources life: up to 50.000 hours
- Flicker free sources Management, suitable for TV applications and all video recorded events

COLOURS

- Sophisticated 4 colours RGBW mixing, high Colour Rendering Index
- Uniform light beam with no colour shadows, and rich saturated and pastel colour-hues
- 4,29 billion colours (8 bit resolution)
- Virtual Colour Wheel, including most usuals White Colour Temperature Presets
- Dynamic Colour Macro Effect with variable speed

FROST / DIFFUSION

- Optional NSP (Narrow Spot 24°), MFL (Medium Flood 33°), WFL (Wide Flood 42°), VWFL (Very Wide Flood 60°) or UWFL (Ultra Wide Flood 80°) Circular beam filters available
- Optional 33°x13°, 62°x16°, Horizontal or Vertical models Elliptic beam filters available

DIMMER / STROBE

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

SOFTWARE FACILITIES

- Local DMX Addressing of the projector and its Optional Parameters through its built-in LCD panel control
- Remote DMX Addressing of the projector and its Optional Parameters through a standard RDM DMX controller
- Constant Color system, whatever the internal/external temperature conditions
- 2 Light Modes, optimized for Architectural or Entertainment applications
- Built-in Pattern Effects with Speed and Fade controls for Scenic applications
- Information Menu including Hour counter, Temperature, Software version

HARDWARE FACILITIES

- Graphic LCD Display for addressing and special functions settings, with flip function
- 5 menu buttons to set the functions
- Over temperature protection
- XLR 5 pin connectors for DMX connections

CONTROL

- DMX 512 protocol, through DMX cable
- Stand-alone Mode and Master/Slave Modes
- DMX RDM compatible
- Local control panel, with LCD display and 5 buttons
- DMX 512 Input / Output through XLR5 connectors
- Waterproof lockable connectors to XLR5 connectors DMX adapters (IN / OUT) included
- Choice of 6 DMX Modes (from 4 to 40 DMX channels)

POWER SUPPLY

- Electronic supply with PFC active
- 110 to 240 Volts - 50/60Hz
- Power 140 Watt max
- Power supply Input / Output through POWERCON connectors

COOLING SYSTEM

- Advanced ventilation cooling system based on Heatpipe technology
- Self adjusting variable speed fans for quiet operation (Fan Auto Mode)
- Selectable ventilation User's Modes
- Safety protection against temperatures excess

HOUSING

- Body in die-cast aluminium
- Control Panel in Tempered glass
- Filter holder in ABS PC (VO Class)
- Single Yoke in aluminium
- IP20 protection index
- Exterior finish: black (Carbon)

INSTALLATION

- 4 fixing points for multiple products assembly
- Several holes into the yoke to install clamp
- 2 rotating handles to adjust yoke
- 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 authorised (Ta min): -10°C (14°F)
- Minimum usage distance: 0.2 m (8 inches)

COMPLIANCE

- EU (EMC):
 - EN 55015 (2006) - EN 55015 A2 (2009)
 - EN 61547 (2009) - EN 61000-3-2 (2006)
 - EN 61000-3-2 A2 (2009) - EN 61000-3-3 (2008)
- EU (LVD):
 - EN 60598-1 (2008) - EN 60598-2-17 (1989)
 - EN 60598-2-17 A2 (1991)

SIZE

- Product: 587 x 626 x 300 mm (l x h x d)

WEIGHT

- Product: 8,2 KG



versaPix



Le parc de l'Événement
1, allée d'Effiat
F91160 - Longjumeau
France



AYRTON
Light in action

Tél.: 33 (0) 1 69 10 33 90
Fax: 33 (0) 1 69 10 33 91
contact@ayrton.eu
www.ayrton.eu