

ARCALINE 3



AYRTON
Digital Lighting

ARCALINE 3 STATIC LUMINAIRE

ARCALINE™3 is the latest iteration of Ayrton's famous ARCALINE™ line of IP65 luminaires, which have been sold in thousands since their introduction in 2010. Designed to meet the specific needs of the live entertainment and temporary events market, the new ARCALINE™3 series has a userfriendly interface that permits address and control functions to be directly configured on the base of the fixture. ARCALINE™3 units are fitted with 12 next-generation RGBW high-output LED emitters.

Each can be controlled separately to create virtual tableaux or to highlight scenery on stage. A library of dynamic, pre-programmed effects is stored in fixture memory and can be combined with colour macros in various display modes.



ARCALINE™3 has been created for use both indoors and outdoors, in all types of environment and in all weather conditions. The new design allows the luminaire to be used in multiple configurations without additional accessories. It can be placed directly on the ground on integral feet or suspended from a structure in any position with standard clamps. Two weather-proof enclosures for elliptical or symmetrical holographic filters allow lighting designers to adapt ARCALINE™ 3 to a wide variety of applications.





OPTICS

- Beam aperture: 6,5°
- 87% optic efficiency
- High-efficiency 45mm PMMA optics
- Beam aperture can be modified using dedicated AYRTON optic Filters

LIGHT SOURCE

- 12 multi-chip 10 Watt LED sources
- Light output: up to 5.000 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 mixed, reaching 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)
- Dynamic colour macro effect with variable speed

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 luminaire and its optional parameters through its built-in LCD panel control
- Remote DMX addressing of the luminaire and its optional parameters through a standard RDM DMX controller
- 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
- 4 menu buttons to set the functions
- Over temperature protection
- 7 cts male/female IP65 waterproof lockable multifunctions connector

CONTROL

- DMX 512 protocol, through 7 cts male/female IP65 waterproof lockable multifunction connector
- DMX-RDM compatible
- Choice of 4 DMX Modes (from 6 to 57 DMX channels)

POWER SUPPLY

- Electronic supply with active PFC
- 110 to 240 Volts - 50/60Hz
- Power 180 Watt max
- Power supply Input / Output through 7 cts male/female IP65 waterproof lockable multifunction connector

COOLING SYSTEM

- Natural air-flow
- Built-in temperature protection sensor
- Safety protection against temperatures excesses

HOUSING

- Body in extruded anodized aluminium profile
- Sides in die-cast aluminium
- Front window in tempered glass
- IP65 protection rating (indoor and outdoor use)
- Exterior finish: black (Carbon)

INSTALLATION

- 2 integrated multi-positioning brackets
- Fastening brackets system: two Omega 1/4 turn brackets designed for use with standard clamps
- Mounting points: two 1/4 turn locking fittings allowing installation of omega brackets on projector

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): -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

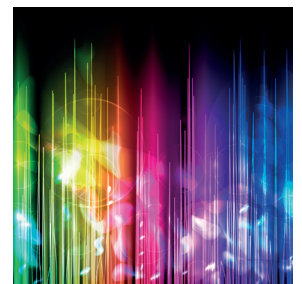
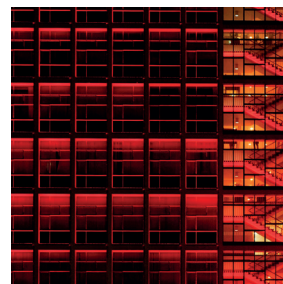
- Product: 1048 x 187 x 120 mm (l x h x d)

WEIGHT

- Product: 11.0 KG

PRODUCT CODES

- 023740 : ARCALINE 3 STATIC LUMINAIRE





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