

# ICECOLOR 1000



**AYRTON**  
Digital Lighting

# ICECOLOR 1000 STATIC LUMINAIRES

ICECOLOR™1000 is the ultimate model in the world famous ICECOLOR™ range and has been designed for the wide open spaces. With an overall flux in excess of 20,000 lumen - an output unequalled on the market - and highly-efficient, native 11° optics, this luminaire is ideal for long-range applications.

ICECOLOR™1000 makes its mark in close-range situations too. Optional 24° to 80° holographic filters can be fitted to give a high coverage for backdrop and cyclorama lighting.

ICECOLOR™1000 comes fitted with two modules of 40 x 10 Watt RGBW LED divided into eight matrices. Each LED matrix can be controlled separately to give maximum flexibility. The two modules can be filtered and the direction of each adjusted independently for greater variety of use in any kind of demanding environment.



With an IP65 ingress protection level, ICECOLOR™1000 can be used indoors or outdoors. It can be controlled remotely through its integrated wireless DMX receiver or simply via standard XLR 5 pin DMX connections.

Perfect for exterior architectural use, changing the town's colours has never been faster and easier. From saturated tones to a huge selection of pastel colours, the 4.7 billion possible combinations offer an unequalled colour palette to meet the requirements of the most exigent projects. Now you really can paint the town red!







## OPTICS

- High-efficiency PMMA secondary optics
- 85% optic efficiency
- Beam aperture: 11°
- Beam aperture can be modified using dedicated AYRTON optic filters

## LIGHT SOURCE

- 80 multi-chip 10 Watt LED source
- Light output: up to 20,000 lumen
- Luminous intensity: 600,000 cd
- Rated sources life: 25,000 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
- Virtual colour wheel, including most usuals white colour temperature presets
- Dynamic colour macro effect with variable speed

## FROST / DIFFUSION

- Optional VNSP (Very Narrow Spot 13°), 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 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
- Constant colour system, whatever the internal and 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
- Integrated DMX Wireless receiver from Wireless Solution™
- DMX 512 Input / Output through waterproof lockable connectors
- Waterproof lockable connectors to XLR5 connectors DMX adapters (IN / OUT) included
- Power supply input through waterproof lockable connector

- Adapter cable for waterproof lockable connector included

## CONTROL

- DMX 512 protocol, through DMX cable or wireless system
- Stand-alone mode and Master/Slave modes
- Local control panel, with LCD display
- Choice of 9 DMX modes (from 4 to 40 DMX channels)

## POWER SUPPLY

- Electronic supply with PFC active
- 110 to 240 Volts – 50/60Hz
- Power 800 Watt max

## COOLING SYSTEM

- Advanced natural convection system
- Permanent thermal regulation
- Safety protection against temperatures excesses

## HOUSING

- Large floor stand, with fixing facilities
- Glass covers in die-cast aluminium, front glasses in tempered glass
- Heatsinks in aluminium and copper, satin finish
- Aluminium yokes
- Side covers in ABS PC (V0 Class)
- External hardware screws in stainless steel
- IP65 protection rating (indoor and outdoor use)
- Exterior finish: black (Carbon)

## INSTALLATION

- 2 removable Omega ¼ turn brackets (included)
- Several holes on the integrated floor stand
- 4 rotating handles, to adjust the 2 source blocks without tool

## OPERATING PARAMETERS

- Operating positions: all (device on floor or fixed to a support)
- Maximum permitted ambient temperature (Ta max): 40°C (104°F)
- Minimum permitted ambient temperature authorised (Ta min): -5°C (23°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

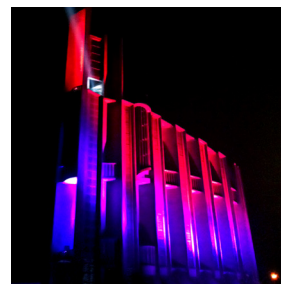
- Product: 888 x 626 x 300 mm (l x h x d)
- Flightcase: 970 x 870 x 550 mm (l x h x d)

## WEIGHT

- Product: 62.1 KG
- Product inside flightcase, including accessories: 120 KG

## PRODUCT CODES

- 025520: IECOLOR 1000 STATIC LUMINAIRE





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