



## **colorplayer 150 3G LED STATIC LUMINAIRE**



Designed to answer increasing demands of the Lighting designers, COLORPLAYER 150 3G provides in a diameter of only 20 cm, an unrivalled **light concentration** and new perspectives to the entertainment industry. Fully integrated luminaire, implementing the latest LED technologies to reach a tremendous light output, COLORPLAYER 150 3G is fitted out with 54 High-Power LEDs, supplied with 150W only. COLORPLAYER 150 is developed in several versions embedding up to 162 chips per unit, it also encompasses either a new generation of **full colours LEDs** – tricolour technology, with no colour separation, as well as a single chip colours solution RGBAW, to reach the highest Colour rendering index, even a AWW LED matrix for a colour temperature control, all broaden with dedicated Ayrton optics.



Dedicated to stage lighting, its **IP65** rate giving water resistance, added to a double bracket, allow to simply lay it down for a temporary use, or to hook it on structure with its strengthened suspension arm, for any condition of use, with a Tilt amplitude up to 240°. COLORPLAYER 150 is on of the best **modular solution**, ready for any application in TV venues, large show events or exhibitions.

- Beam aperture: from 10° to 17°
- Optional optic filters: 13° spot beam angle, up to 42° beam angle
- Colour mixing: FULL COLOUR, RGB+AW or AWW depending on models
- Colour depth: 16.7 million (FULL COLOUR), 1,10 Billion (RGB+AW) or 65 536 (AWW)
- Control by DMX 512 protocol (USITT, 1990)
- Electronic dimmer for adjustment of light output from 0 to 100% with no colour variation
- High-speed strobe effect with 1-25 fps flash rate
- Software facilities access via COUGAR 3G handy-pocket size controller (optional)
- Built-in thermal protection system
- Housing: die-cast aluminium with tempered glass
- Fixation: Suspension yoke on 2 brackets

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## TECHNICAL SPECIFICATIONS

## 01. Optics

- \_ PMMA high efficiency secondary optics
- \_ Native beam angle: 10° (RGB+AW and AWW version)
- \_ Native beam angle: 17° (RGB Full Colour version)
- \_ optional diffusion filters

## 02. Source

- \_ High power LEDs
- \_ No light source to be swapped
- \_ RGB Full Color version: 54 multi-chip tri-chromic LED all integrating red-green-blue LEDs
- \_ RGB+AW version: 12 red LEDs, 12 green LEDs, 12 blue LEDs, 6 amber LEDs, 12 white LEDs
- \_ AWW version: 18 amber LEDs, 36 white LEDs
- \_ LED lifetime: 50.000 hours

## 03. Colours

- \_ Red Green Blue colours mixing system, integrated in Full Colour version
- \_ Red Green Blue Amber White colours mixing system, integrated RGB + AW version
- \_ Amber White colours mixing system, integrated in AWW version
- \_ 16,7 millions colours on RGB Full Colour
- \_ 1,10 Billions colours on RGB+AW
- \_ 65536 white shades on AWW
- \_ Colour variation automatic effect on RGB and RGB+AW versions, with adjustable speed
- \_ Colour temperature variation canal on AWW version

## 04. Frost, Diffusion

- \_ VNSP (Very Narrow Spot) diffusion filters, NSP (Narrow Spot), MFL Medium Flood), WFL (Wide Flood) available in option (Spot Light beam)
- \_ Beam angle of RGB+AW and AWW Projectors with diffusion filters :  
VNSP: 13° / NSP: 24° / MFL: 33° / WFL: 42°
- \_ Beam angle of RGB - Full Colour Projectors with diffusion filters :  
VNSP: 20° / NSP: 28° / MFL: 36° / WFL: 44°

## 05. Dimmer, Strobe

- \_ Electronic Dimmer for a perfect light adjustment from 0 à 100% without any colour variation
- \_ White or colour stroboscopic effect with speed control from 1 to 25 flashes per second.

## 06. Software functions

- \_ DMX Mode for projector control via DMX 512 console
- \_ Stand-alone mode allowing the projector to run without DMX512 console
- \_ Master/Slave mode to synchronize several units without DMX512 console
- \_ Entertainment Mode to offer maximum light power available
- \_ Architectural Mode to maintain a constant light level whatever is the condition of use
- \_ Constant COLOR Mode to maintain colours regulation whatever is the condition of use
- \_ Integrated control panel for projector addressing and parameter settings
- \_ Integrated time-of-use meter
- \_ Temperature display
- \_ Anomaly display
- \_ Remote parameter settings possible via optional Cougar 3G
- \_ Software update through optional remote controller Cougar 3G



## 07. Controlling

- \_ External control of the device via DMX 512 protocol or Master/Slave Mode
- \_ Local control of the device through integrated stand-alone modes
- \_ DMX 512 Input/output via 2 DMX cables 1,5 m length (connectors not supplied)
- \_ 3, 4 or 6 DMX 512 channels to be chosen in RGB Full Colour version
- \_ 5, 6 or 8 DMX 512 channels to be chosen in RGB+AW version
- \_ 2, 3 ou 5 DMX 512 channels to be chosen in AWW version

## 08. Power supply

- \_ Electronic power supply with active PFC
- \_ 110 to 240 Volts – 50-60Hz
- \_ Power : 150 Watts
- \_ Current leakage: 0,4 mA
- \_ mains power supply through 3 x 1,5mm2 cable, 1,5 mt length (connectors not supplied)

## 09. Cooling

- \_ Integrated radiator for Optics
- \_ Natural airflow with parameter control
- \_ Security against all overheating

## 10. Body Construction

- \_ Die-cast aluminium body
- \_ 2 separate parts construction, optic part with integrated radiator and electronic part
- \_ Tempered glass front side
- \_ Suspension yoke and painted stainless steel screws
- \_ Separate LED part to ease-up maintenance operations.
- \_ IP65 water resistance rate
- \_ external paint: black (Carbon)

## 11. Installation

- \_ Adjustable and lockable suspension yoke
- \_ Double yoke foldable allowing to lay the device down
- \_ 3 x 12 mm diameter holes on the yoke to screw the device
- \_ Fixation hole on the device's body for security cables

## 12. Use parameters

- \_ Function positions : all
- \_ Maximum ambient temperature (Ta max) : 40°CXC (104°CXF)
- \_ Minimum ambient temperature (Ta min) : -5°CXC (23°CXF)
- \_ Maximum temperature of the device's body: 80°CXC (176°CXF)
- \_ Minimum utilization distance: 0,5m (20in)

## 13. Compliance

- \_ UE (CEM) : EN 50081-1, EN 50082-1
- \_ UE (Electrical security) : EN 60598-1, 60598-2-17

## 14. Weight

- \_ 5,9 Kg

## 15. Product Codes &amp; Prices

- \_ 022620 : COLORPLAYER 150 3G AWW Carbon = 1790€
- \_ 022630 : COLORPLAYER 150 3G RGB+AW Carbon = 1750€
- \_ 022640 : COLORPLAYER 150 3G RGB Full Colour Carbon = 2390€

## 16. Accessories

- \_ 022692 : COLORPLAYER Filter holder
- \_ 051513 : Diffusion filter VNSP (13°) 179mm diameter for COLORPLAYER
- \_ 051524 : Diffusion filter NSP (24°) 179mm diameter for COLORPLAYER
- \_ 051533 : Diffusion filter MFL (33°) 179mm diameter for COLORPLAYER
- \_ 051542 : Diffusion filter WFL (42°) 179mm diameter for COLORPLAYER
- \_ 045340 : COUGAR 3G remote controller