



450
SERIES



Architectural
Series

Hyperion
Series

450
Series

Vedette
Series

Cyclorama
Series

Downlight
Series

ARC / PO
Systems

Main general features for all models:

SOURCE

- Very compact LED array for high definition projection
- CRI > 95 (White, Tunable White), CRI > 85 (RGBW)
- Continuous light spectrum

OPTICS

- High definition sealed condenser optic (4 lens condenser) that means you don't need to clean the condenser optic
- 200mm borosilicate lenses, both for Plano-Convex and Fresnel fixtures

THERMAL MANAGEMENT

- Iris diaphragm with blackout
- 4 independent shutters for shaping the beam
- Slot for B gobo holder
- Wide ventilation slots for better LED cooling with selectable fan speed in: "standard", "silent" and "auto" or DMX regulated
- High efficiency heat pipe cooling system for very high light output
- No heat load from LED engine towards electronic and viceversa avoiding the risk of failure due to overheating

ELECTRONIC CONTROL

- Reversible graphic panel with selectable automatic switching off of the display
- Local control for easy adjustment of the intensity
- Flicker-free mode with adjustable PWM LED frequency for best use with cameras
- Automatic limit on the LED temperature with the control of the fan speed and with the adjustment of the LED current, to avoid any possible damage even in very critical conditions
- Software update through XLR DMX connector



SOFTWARE

- Service channel for a direct control off all the software options from the desk, instead of from display
- 8 or 16 bit control for extra soft dimming and colour mixing, without changing colour temperature
- Up to 3 selectable dimmer curves: linear, quadratic and tungsten
- Adjustable delay in turning on and off for tungsten emulation
- In and out neutric (R) powerCON TRUE1 connectors for mains XLR 5 pins for DMX
- Electronic autoranging power supply: 100-240V, 50-60 Hz
- IP 20
- CE compliant
- Factory LED calibration
- Wireless ready (optional)
- No spill light towards audience
- Double slots for accessories
- DMX512-A / RDM remote control

● Tunable White models include also:

- 2 local controls for direct adjustment of intensity and colour temperature
- Constant colour rendering for all the temperatures
- **Calibration function** to be used to "pre" balance the **single colour** according to the use with different brands or older fixtures

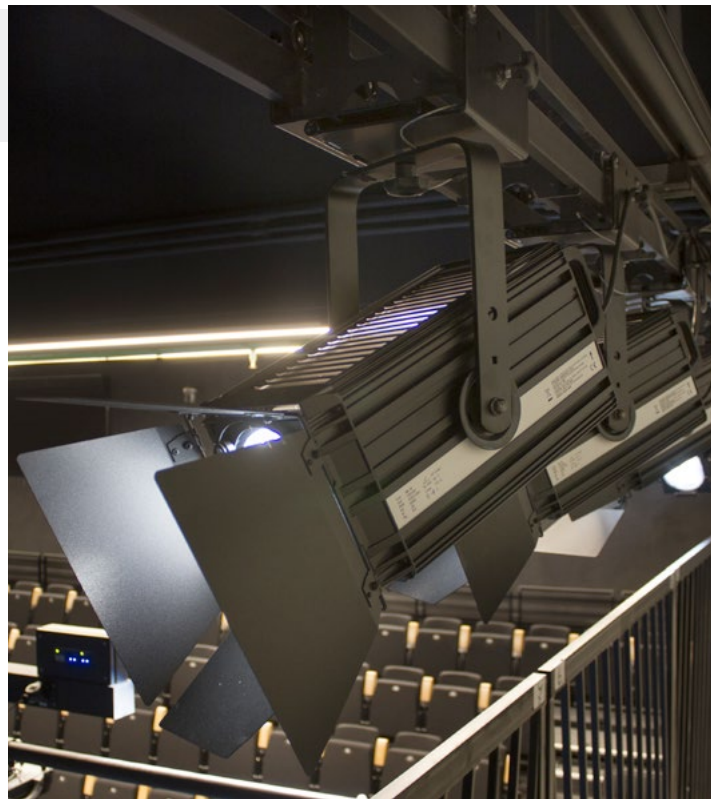
●●● RGBW models include also:

- 2 local controls for direct adjustment of intensity and 8 different white colour temperatures + 30 pre-selected colours + 10 slots for customised colour by the user
- **CMY** function for easier selection of the colour when in use together with different kinds of light source
- Hue and saturation with possible selection of colour temperature of the white saturation
- **Calibration function** to be used to "pre" balance the **single colour** according to the use with different brands or older fixtures
- **Stand-alone** function with memories and chasers, for use without desk
- **Master & slave** configuration for large installation set up
- CCT continuo

Dimming functions:

Up to **3 selectable dimmer curves**: linear, quadratic and tungsten

This last curve includes the possibility of setting the **delay in turning on and off** typical of halogen lamps.



Wide choice of personalities:

from “easy mode” for those who need a basic control with a limited use of channels, up to “wide mode” for the expert users who need to control in real time all the possible options of the fixtures

White

1 local control for direct adjustment of intensity

- **1 ch:** dimmer
- **3 ch:** dimmer, strobe, service
- **6 ch:** dimmer, dimmer fine, delay, fan, strobe, service

3200, 5600K

CRI = 95

TLCI = 97

TM-30 = 93

◉ Tunable White

2 local controls for direct adjustment of intensity and colour temperatures

- **EASY 2 ch:** dimmer, CCT
- **SPLIT 5 ch:** dimmer, warm white, cool white, strobe, service
- **FULL 9 ch:** dimmer, dimmer fine, CCT, +/- warm white, +/- cool white, delay, fan, strobe, service

2700-6500K

CRI > 95

TLCI > 97

TM-30 > 93

◉ RGBW

2 local controls for direct adjustment of intensity and 8 different white colour temperatures + 30 pre-selected colours + 10 slots for customised colour by the user

- **EASY 2 ch:** dimmer, CCT + colour preset
- **HSI 6 ch:** dimmer, hue, hue fine, saturation, strobe, service
- **CMY 6 ch:** dimmer, cyan, magenta, yellow, strobe, service
- **RGBW 9 ch:** dimmer, red, green, blue, white, CCT, colour preset, strobe, service
- **FULL 16 ch:** dimmer, dimmer fine, red, red fine, green, green fine, blue, blue fine, white, white fine, colour present, CCT, delay, fan, strobe, service

2700-8000K

CRI > 85

TLCI = 97

TM-30 = 93

Perfect for TV studios...

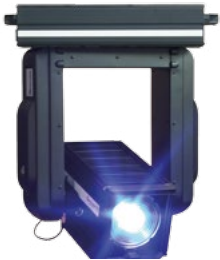


Pole operated yoke (PO system)



Pantograph

...or large venues and theatres



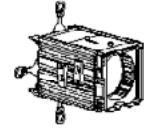
Motorized yoke (ARC system)

Modularity

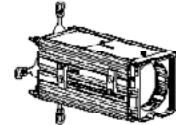
Fast-locking interchangeable optics



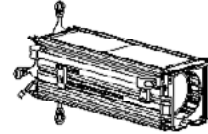
Lantern



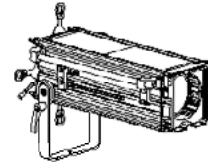
Wide Zoom Profile



Standard Zoom Profile



Narrow Zoom Profile



Followspot



Main LED advantages:

- No dangerous UV or IR rays for the safe lighting of the people and objects. The total absence of ultraviolet rays is essential to avoid damaging items in shop windows or ancient and valuable products in museums and let any colour filter in front of it live without fading for a nearly unlimited time
- No radioactive or mercury-based components
- Nearly 75% saving on mains power consumption if compared to an equally-performing conventional fixture
- Reduced installation and cabling costs thanks to the In&Out chain connection system both for power mains and DMX/ DALI data control
- Savings on running costs thanks to the extended lifespan of the LED source compared to the periodical replacement of conventional bulbs
- Savings on the air-con setup and supply, thanks to the lower heat emission of the fixtures
- No maintenance costs for the replacement of colour filters due to overheating and damage



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Fresnel

	FN LED 450	FN LED 450 Tunable 	FN LED 450 RGBW 	FN LED 450 6C 
Power	450W	450W	450W	450W
LED	White (3200K, 5600K)	Tunable White (2700K-6500K)	RGBW	RGB+AMBER+CYAN+LIME
Control	- DMX-RDM - Local	- DMX-RDM - Local	- DMX-RDM - Local	- DMX-RDM - Local
Version	12°-58° (14kg - 55x30x53cm)	12°-58° (14kg - 55x30x53cm)	12°-58° (14kg - 55x30x53cm)	12°-58° (14kg - 55x30x53cm)

Plano -Convex

	PC LED 450	PC LED 450 Tunable 	PC LED 450 RGBW 	PC LED 450 6C 
Power	450W	450W	450W	450W
LED	White (3200K, 5600K)	Tunable White (2700K-6500K)	RGBW	RGB+AMBER+CYAN+LIME
Control	- DMX-RDM - Local	- DMX-RDM - Local	- DMX-RDM - Local	- DMX-RDM - Local
Version	09°-70° (16kg - 55x30x58cm)	09°-70° (16kg - 55x30x58cm)	09°-70° (16kg - 55x30x58cm)	09°-70° (16kg - 55x30x58cm)

Profile

	PC LED 450	PC LED 450 Tunable 	PC LED 450 RGBW 	PC LED 450 6C 
Power	450W	450W	450W	450W
LED	White (3200K, 5600K)	Tunable White (2700K-6500K)	RGBW	RGB+AMBER+CYAN+LIME
Control	- DMX-RDM - Local	- DMX-RDM - Local	- DMX-RDM - Local	- DMX-RDM - Local
Version	09°-70° (16kg - 55x30x58cm)	09°-70° (16kg - 55x30x58cm)	09°-70° (16kg - 55x30x58cm)	09°-70° (16kg - 55x30x58cm)

Followspot

	VD LED 450	VD LED 450 RGBW 
Power	450W	450W
LED	White (3200K, 5600K)	RGBW
Control	- DMX-RDM - Local	- DMX-RDM - Local
Version	08°-19° (22kg - 45x35x105cm)	08°-19° (22kg - 45x35x105cm)



Optics:

- 2 high definition interchangeable lenses with zoom of 15°-30° and of 25°-50°
- Lenses and shutters rotating block, for a better beam shaping
- Even distribution of colour mixing on every beam spread

Manual colour changer with automatic release of the previous colour

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