



**HYPERION  
SERIES**

Architectural  
Series

Hyperion  
Series

450  
Series

Vedette  
Series

Cyclorama  
Series

Downlight  
Series

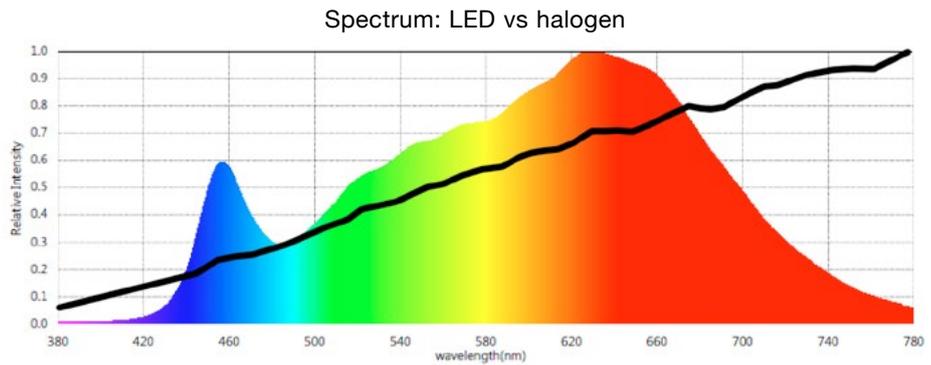
ARC / PO  
Systems



# HYPERION SERIES

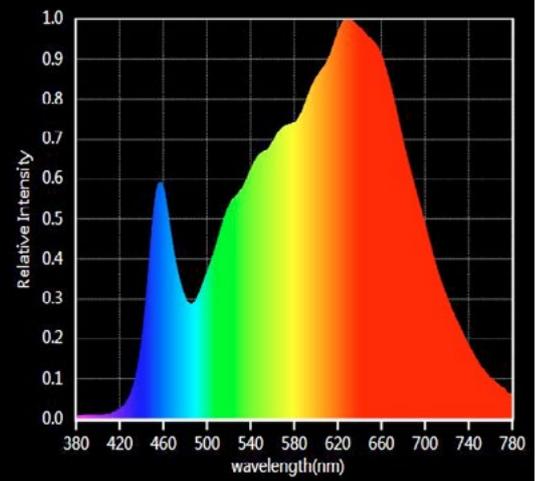
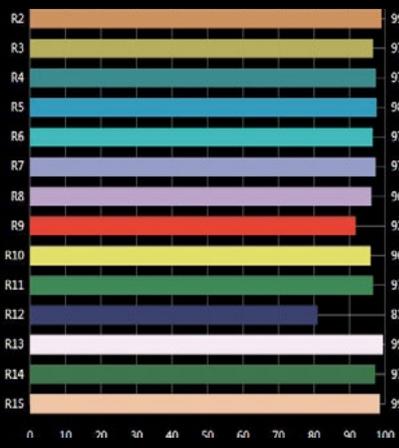
The Hyperion Series raises the quality and power of the Greenline Series to an ultimate level of excellence thanks to the more updated LED sources, richer control software, more personalities, and the use of the 6 colour sources for a much larger colour gamut and higher colour rendering.

RGBACL opens up new possibilities and produce better colours than ever before



The 6C version uses a new generation of six-colours LED engine to generate rich saturates and subtle, theatrical pastels. It combines diodes that emit the usual primary colours – red, green and blue – with further sources of amber, cyan and lime.

This combination allows the luminaire not only to emit a wider spectrum and with a more uniform curve, capable of producing white light with a colour temperature ranging from 2700K to 8000K, but gives also a minimum CRI of 94 and a maximum of CRI 97.



## Theatre and Television are finally under the same Spotlight

The new Hyperion series is designed for large installations such as theaters, film and TV studios with a performance comparable up to a 2000W halogen fixture, but with a more compact size and reduced heat production.



### for Broadcast and Media:

Spotlight Hyperion is the right product to give your TV set the very smooth light that every D.o.P is always looking for. You can easily set the white temperature you need from DMX signal or from manual potentiometer, through a dedicated step channel that includes all the most used combinations, like 3200, 5600 and 2700-6500 Kelvin. With the luminaire set at a fixed temperature you can dim down the light without any change of colour temperature, meaning also that you don't need to adjust it from the camera or in post-editing. And if the LED frequency has any problem of interference with the framerate of recoding, you can even adjust the light output frequency from the luminaire's display and avoid the interference. You'll be impressed by the flexibility of the luminaires and the LED light fading out very smoothly and without any flickering.

A wider color gamut, more accurate colors, and most importantly, higher color rendition across the entire CCT range



Pole operated yoke  
(PO system)



DMX 16 bit motorisation  
(ARC system)



### for Opera Houses, Theatres and Live Entertainment:

Spotlight Hyperion is also the right product to give your theatre stage the "halogen" light that every Lighting Designer always asks for. In the past with our beloved halogen lights, dimming down to dark, the light produced appeared to be more of a warm/amber colour and vice versa when the light level was increased the light became whiter. This happens because all incandescent lights shift the colour temperature to amber or white in relation to the light intensity.

Especially for Performing Arts, those different colour temperatures are very often required to accentuate the warmth of a piece, but you cannot make easily that incandescent effect with LEDs because they're generating just one electromagnetic frequency.

In TV applications this is brilliant for the cameras, but it's not the same for the human eye perception in Theatres and Opera Houses.

In the Performing Arts we work with our emotions, the warm amber white light generates special feelings like when we gather around a campfire or with candle lights. Warmer amber-shifted light shows skin tones in a more attractive manner so that intimate, lovely feelings are coming up.

With Spotlight Hyperion 6 colors LEDs luminaires you can now get exactly this automatic change of colour temperature through an inbuilt function called Amber-shift, simulating the halogen effect as well as the sun does when it goes down at sunset.

With this appealing cozy function of the Hyperion, the white light will shift automatically warmer and warmer when you dim down to zero, and you can even adjust the fade delay, so you can emulate the common tungsten lamps of 500W and 1000W as well as the bigger ones.

## Main general features for all models:

### SOURCE

- Very compact LED array for high definition projection
- CRI > 95 (White, Tunable White), CRI > 97 (RGBACL)
- High CRI from 94 up to 97
- 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

- 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
- 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 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
- **Current booster** to increase the light output of a single colour (+15%) when not all the channels are at full at the same time
- **Calibration function** to be used to "pre" balance the **single colour** according to the use with different brands or older fixtures



## ● RGBACL models include also:

- 2 local controls for direct adjustment of intensity and 8 different white colour temperatures + 40 pre-selected colours + 10 slots for customised colour by the user
- **Colour booster** to increase the light output of a single colour (+20%) when not all the channels are at full at the same time
- For further realism in the emulation of tungsten sources, the white adjustment offers the traditional orange toning effect while decreasing intensity, also known as **amber shift** function
- **± Green** function for balancing of white in the TV cameras
- **Emulation of RGB and 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
- 2700 - 8000 Kelvin **continuously variable CCT**

## 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



**Fresnel/PC**  
White



**Fresnel/PC**  
TW/RGBW/RGBACL



**Profile**  
White



**Profile**  
TW/RGBW/RGBACL

### White 200W

1 local control for direct adjustment of intensity

- **1 ch:** dimmer
- **2 ch:** dimmer, strobe
- **3 ch:** dimmer, dimmer fine, strobe

### White 300W

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

3000, 4000, 5600K  
(others on request)

**CRI = 97**  
TLCI = 97  
TM-30 = 94

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

### ◉◉◉◉ RGBACL

2 local controls for direct adjustment of intensity and 8 different white colour temperatures + 40 pre-selected colours + 10 slots for customised colour by the user

- **EASY 2 ch:** dimmer, colour preset
- **RGB 6 ch:** dimmer, red, green, blue, strobe, service
- **CMY 6 ch:** dimmer, cyan, magenta, yellow, strobe, service
- **HSI 7 ch:** dimmer, hue, hue fine, saturation, CCT, strobe, service
- **THEATRE 8 ch:** dimmer, dimmer fine, CCT, +/- green, delay, fan, strobe, service
- **RGBACL 9 ch:** dimmer, red, green, blue, amber, cyan, lime, strobe, service
- **FULL 21 ch:** dimmer, red, red fine, green, green fine, blue, blue fine, amber, amber fine, cyan, cyan fine, lime, lime fine, colour present, CCT, +/- green, delay, fan, strobe, service

2700-8000K

**CRI > 94**  
TLCI = 92  
TM-30 = 92

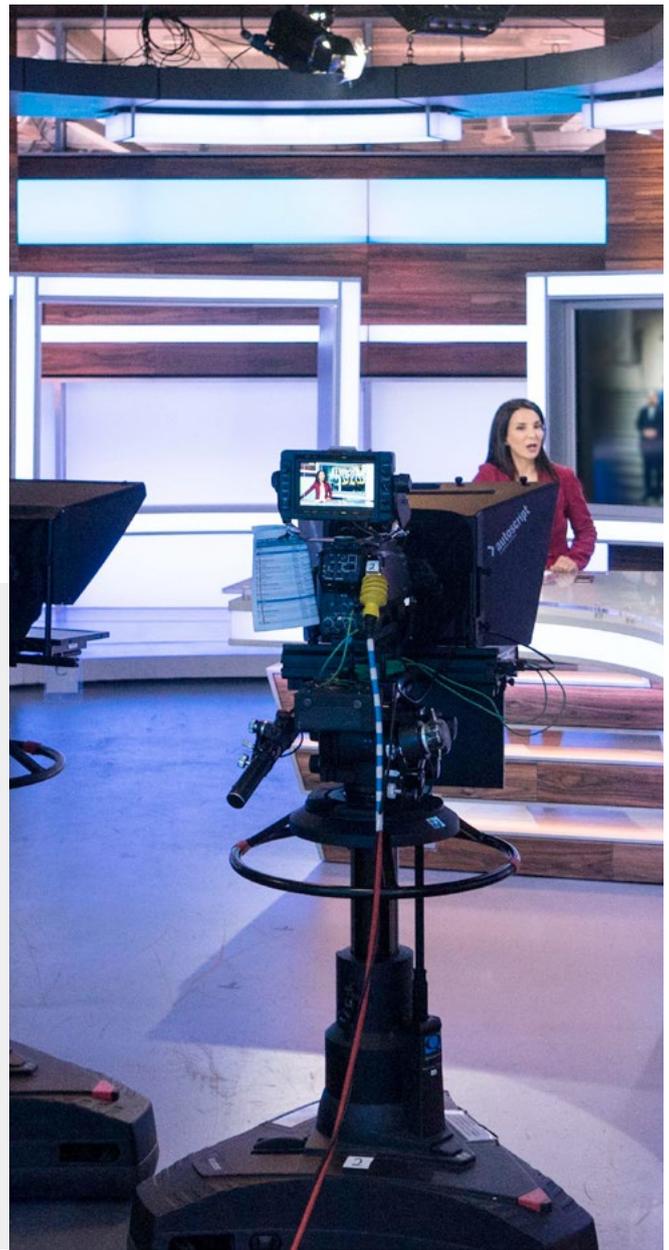
## Dimming functions and tungsten emulation

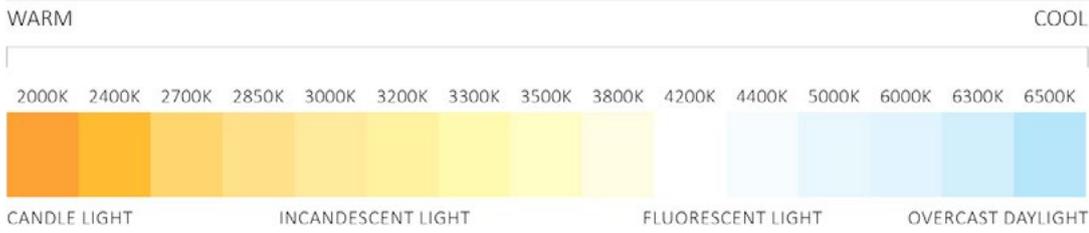
- Up to **3 selectable dimmer curves**: linear, quadratic and tungsten
- This last curve includes the possibility of setting the **delay in turning on and off** typical of halogen lamps.
- For further realism in the emulation of tungsten sources, the white adjustment offers the traditional orange toning effect while decreasing intensity,

### Hyperion 200W

all the features of 300W in a more compact housing

Hyperion 200 has been designed in order to satisfy all the professional users that don't need the amount of light of a 300W but still like to have high level devices, of more compact dimensions and lighter weight.





Constant Color Temperature CCT during the whole dimming curve, when not in "amber shift" mode



200mm borosilicate lenses both for Plano-Convex and Fresnel

Possible version XL (250mm) for ultimate light output



The cooling system combines large upper slots with active ventilation



The "booster" makes the fixture capable of self-powering the creation of individual colours when not all channels are simultaneously at full.

Firmware upgrade kit

silent mode



A wide variety of interchangeable optics. Compatible also with most common fixed optics available on the market. Thanks to a wide variety of optics to choose from, Hyperion is the perfect fixture for your application without sacrificing light output and color quality.



Easy access for maintenance and cleaning (only two screws).

Easy exchangeable electronic tray



The rear panel also includes two local controls

for direct control of intensity

for direct control of colour temperatures or colours wheel



Pole operated yoke (PO system)



DMX 16 bit motorisation (ARC system)



4 leaf barn door



Colour filter frame

Fresnel

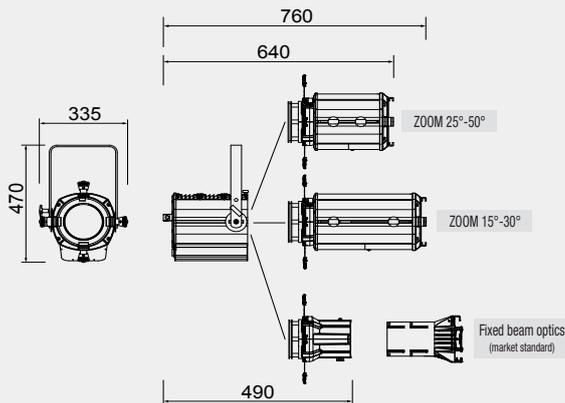
Power	<b>FN HY LED 200</b>	<b>FN HY LED 200 Tunable</b>	<b>FN HY LED 200 RGBW</b>	<b>FN HY LED 200 6C</b>
	200W	200W	200W	200W
	LED	White (3000K, 4000, 5600K)	White (2700K-6500K)	White (2700K-6500K)
	Control	- DMX-RDM - Local	- DMX-RDM - Local	- DMX-RDM - Local
Versions	14°-81°	13°-50°	13°-50°	13°-50°
Power	<b>FN HY LED 300</b>	<b>FN HY LED 300 Tunable</b>	<b>FN HY LED 300 RGBW</b>	<b>FN HY LED 300 6C</b>
	300W	300W	300W	300W
	LED	White (3200K, 5600K)	White (2700K-6500K)	White (2700K-6500K)
	Control	- DMX-RDM - Local	- DMX-RDM - Local	- DMX-RDM - Local
Version	09°-45°	09°-45°	12°-45°	12°-45°

Plano-Convex

Power	<b>PC HY LED 200</b>	<b>PC HY LED 200 Tunable</b>	<b>PC HY LED 200 RGBW</b>	<b>PC HY LED 200 6C</b>
	200W	200W	200W	200W
	LED	White (3000K, 4000, 5600K)	White (2700K-6500K)	White (2700K-6500K)
	Control	- DMX-RDM - Local	- DMX-RDM - Local	- DMX-RDM - Local
Version	16°-87°	15°-50°	15°-50°	15°-50°
Power	<b>PC HY LED 300</b>	<b>PC HY LED 300 Tunable</b>	<b>PC HY LED 300 RGBW</b>	<b>PC HY LED 300 6C</b>
	300W	300W	300W	300W
	LED	White (3200K, 5600K)	White (2700K-6500K)	White (2700K-6500K)
	Control	- DMX-RDM - Local	- DMX-RDM - Local	- DMX-RDM - Local
Version	06°-45°	06°-45°	08°-45°	08°-45°

Profile

Power	<b>PR HY LED 200</b>	<b>PR HY LED 200 Tunable</b>	<b>PR HY LED 200 RGBW</b>	<b>PR HY LED 200 6C</b>
	200W	200W	200W	200W
	LED	White (3000K, 4000, 5600K)	White (2700K-6500K)	White (2700K-6500K)
	Control	- DMX-RDM - Local	- DMX-RDM - Local	- DMX-RDM - Local
Versions	15°-30° 25°-50°	15°-30° 25°-50°	15°-30° 25°-50°	15°-30° 25°-50°
Power	<b>PR HY LED 300</b>	<b>PR HY LED 300 Tunable</b>	<b>PR HY LED 300 RGBW</b>	<b>PR HY LED 300 6C</b>
	300W	300W	300W	300W
	LED	White (3200K, 5600K)	White (2700K-6500K)	White (2700K-6500K)
	Control	- DMX-RDM - Local	- DMX-RDM - Local	- DMX-RDM - Local
Versions	15°-30° 25°-50°	15°-30° 25°-50°	15°-30° 25°-50°	15°-30° 25°-50°



Optics:

- 2 high definition interchangeable lenses with zoom of 15°-30° and of 25°-50° in addition to a wide choice of fix focus lenses available on the market
- Lenses and shutters rotating block, for a better beam shaping
- Even distribution of colour mixing on every beam spread

Compatible also with main fixed optics available on the market



**ARC / PO**  
Systems

**Downlight**  
Series

**Cyclorama**  
Series

**Vedette**  
Series

**450**  
Series

**Hyperion**  
Series

**Architectural**  
Series



**SPOTLIGHT sc**  
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