



## THE HYPERION SERIES

**Fresnel, PC, Profile**  
200-300-700W

**Followspot**  
300-700W



**Movement**  
ARC / PO

**Downlight**  
55-90W

**Floodlight**  
300W

**Followspot**  
300-700W

**Fresnel, PC, Profile**  
200-300-700W

**Pinspot, Fresnel, PC, Profile**  
3-15-30-50-100W

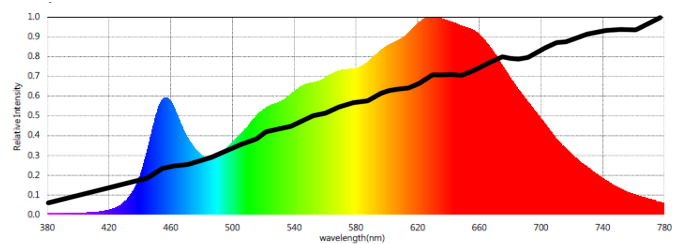


The Hyperion Series raises the quality and power of the Greenline Series to an ultimate level of excellence thanks to the more updated LED sources, richer control software, more personalities, and the use of the **6 or 8 colours sources** for a much larger colour gamut and higher colour rendering.

## RGBACL (6C) and RGBACL+CW+WW (8C)

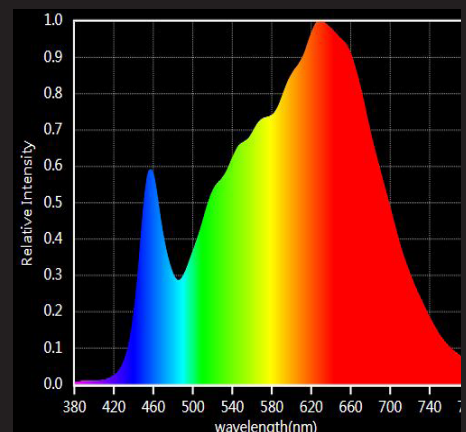
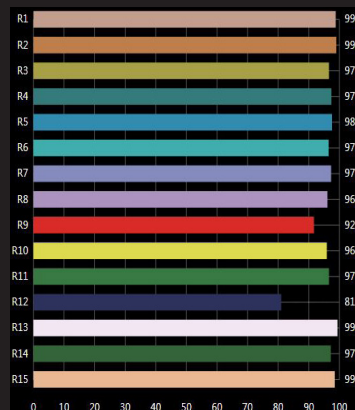
opens up new possibilities and produce better colours than ever before

Spectrum: LED vs halogen



The 6C and 8C 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**. Thanks to the 8C engine you'll have two additional white phosphors (CW and WW) that guarantee a continuous colour spectrum CCT.

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 1'500K to 20'000K, 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 5'000W 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 local control, through a dedicated step channel that includes all the most used combinations, like 3'000, 5'600 and 2'700-6'500 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)



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### for Opera Houses, Theatres, 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're working 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 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 as well as the bigger ones.

### Dimming functions and tungsten emulation

- Up to **5 selectable dimmer curves**:
  - linear
  - quadratic
  - tungsten
  - gamma 2.6
  - gamma 2.8
- The 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, also known as red, or **amber shift**.



## Main general features:



### 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
- 150/200/250mm 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 5 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

## Four models

### Fresnel, PC

200W  
300W  
700W



### Profile

200W  
300W  
700W



### Followspot

300W  
700W



## Four versions

### White (CW/NW/WW)

### 4 colours (RGBW) 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
- 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
- 1'500 - 20'000 Kelvin **continuously variable CCT**



### 6 colours (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
- 1'500 - 20'000 Kelvin **continuously variable CCT**



### Tunable White (CW+WW) 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

## 8 colours

6 colours (RGBACL)

+

Tunable White (+CW+WW)



## 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 200W			WHITE 300W and 700W			3'000, 4'000, 5'600K	3'000, 5'600K
1CH	2CH	3CH	1CH	2CH	3CH		
8 BIT	8 BIT	16 BIT	8 BIT	8 BIT	16 BIT		
1 ch	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER		
2 ch		STROBO	DIMMER FINE	STROBO	DIMMER FINE		
3 ch			STROBO	SERVICE	DELAY		
4 ch					FAN		
5 ch					STROBE		
6 ch					SERVICE		

TUNABLE WHITE					
EASY	SPLIT	SPLIT	STUDIO	THEATRE FULL	
8 BIT	8 BIT	16 BIT	16 BIT	16 BIT	
1 ch	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER
2 ch	CCT	WW	DIMMER FINE	DIMMER FINE	DIMMER FINE
3 ch		CW	WW	CCT	CCT
4 ch		STROBO	WW FINE	WW +/-	DELAY
5 ch		SERVICE	CW	CW +/-	FAN
6 ch			CW FINE	DELAY	STROBO
7 ch			DELAY	FAN	SERVICE
8 ch			FAN	STROBO	
9 ch			STROBO	SERVICE	
10 ch			SERVICE		

RGBW					
EASY	HSI	CMY	RGBW	FULL	
8 BIT	8 BIT	8 BIT	8 BIT	16 BIT	
1 ch	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER
2 ch	COLOUR PRESET	HUE	CYAN	RED	DIMMER FINE
3 ch	CCT	HUE FINE	MAGENTA	GREEN	RED
4 ch		SATURATION	YELLOW	BLUE	RED FINE
5 ch		STROBO	STROBO	WHITE	GREEN
6 ch		SERVICE	SERVICE	STROBO	GREEN FINE
7 ch				SERVICE	BLUE
8 ch					BLUE FINE
9 ch					WHITE
10 ch					WHITE FINE
11 ch					CCT
12 ch					COLOUR PRESET
13 ch					DELAY
14 ch					FAN
15 ch					STROBO
16 ch					SERVICE

RGBACL and RGBACL+CW+WW							
EASY	CMY	RGB	HSI	RGBACL(+CW+WW)	THEATER	FULL or STUDIO	
8 BIT	8 BIT	8 BIT	8 BIT	8 BIT	16 BIT	16 BIT	
1 ch	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER
2 ch	CCT	CYAN	RED	HUE	RED	DIMMER FINE	DIMMER FINE
3 ch	COLOUR PRESET	MAGENTA	GREEN	HUE FINE	GREEN	RED	RED
4 ch		YELLOW	BLUE	SATURATION	BLUE	RED FINE	RED FINE
5 ch		STROBO	STROBO	CCT	AMBER	GREEN	GREEN
6 ch		SERVICE	SERVICE	STROBO	CYAN	GREEN FINE	GREEN FINE
7 ch				SERVICE	LIME	BLUE	BLUE
8 ch				CW	BLUE FINE	BLUE FINE	BLUE FINE
9 ch				WW	AMBER	AMBER	AMBER
10 ch				STROBO	AMBER FINE	AMBER FINE	AMBER FINE
11 ch				SERVICE	CYAN	CYAN	CYAN
12 ch					CYAN FINE	CYAN FINE	CYAN FINE
13 ch					LIME	LIME	LIME
14 ch					LIME FINE	LIME FINE	LIME FINE
15 ch					CW	CW	CW
16 ch					CW FINE	CW FINE	CW FINE
17 ch					WW	WW	WW
18 ch					WW FINE	WW FINE	WW FINE
19 ch					COLOUR PRESET	COLOUR PRESET	COLOUR PRESET
20 ch					SATURATION	CCT	CCT
21 ch					CCT	+/- GREEN	+/- GREEN
22 ch					+/- GREEN	DELAY	DELAY

3'000, 4'000, 5'600K

3'000, 5'600K

**CRI = 97**

TLCI = 97

TM-30 = 94

**CRI = 95**

TLCI = 97

TM-30 = 93

2'700-6'500K

**CRI > 95**

TLCI &gt; 97

TM-30 &gt; 93

2'700-8'000K

**CRI > 85**

TLCI = 97

TM-30 = 93

1'500-20'000K

**CRI > 94**

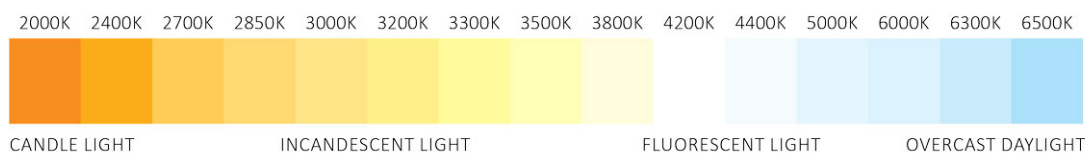
TLCI = 92

TM-30 = 92



WARM

COOL



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



150mm / 200mm / 250mm borosilicate lenses both for Planco-Convex and Fresnel



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. (only for Profile 200 and 300W)



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 or 8 leaf barndoors  
standard rotating / individual rotating leaves / 8 leaves