

# Hyperion Series

## 200W Fresnel / PC

(ver. 2020/06)



### SOURCE

- 200W LED ARRAY
- Source life expectancy: > 50.000 h

	Luminous flux		Colour rendering		
	FN	PC	CRI	TLCI	TM-30
6C*	3'140 lm	3'156 lm	>94	92	94
RGBW	3'004 lm	3'056 lm	>85	90	90
TW	3'335 lm	3'395 lm	>94	92	93
WW	12'333 lm	15'967 lm	>97	97	94
CW	14'014 lm	18'144 lm			
NW	13'320 lm	17'246 lm			

\*6C: Red Green Blue Amber Cyan Lime

### SOFTWARE FUNCTIONS

- ESD: 8 or 16bit extra soft dimming
- 3 selectable dimmer curves
- Adjustable delay in turning on and off
- PWM LED 500Hz-20KHz
- Amber shift (6C)
- ± Green (6C)
- Color boost (6C, RGBW, TW)
- Calibration function (6C, RGBW, TW)
- Service channel
- Stand-alone
- Master Slave
- Hour-counter on single LED
- Storage and factory recovery
- Upgradable Firmware via DMX/USB tool
- Advanced remote settings for all parameters via DMX

### CONTROL

- Protocols: DMX512, RDM
- Local potentiometer
- Reversible graphics display with standby-shutdown function

	DMX Channels
WHITE	1 / 2 / 3 ch
TW	2 / 5 / 9 ch
RGBW	3 / 6 / 7 / 16 ch
6C	3 / 6 / 7 / 8 / 9 / 21 ch

### 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 vice-versa avoiding the risk of failure due to overheating
- Ta max 40°C

### OPTICS

- 150mm High-quality glass lens optics
- Focus: manual

	Beam	
	FN	PC
6C*	13°-50°	15°-50°
RGBW		
TW		
WW	14°-81°	16°-87°
CW		
NW		

### PRESETS

- 45-GEL FILTER (6C, RGBW)
- CCT 2700-8000K (6C, RGBW, TW)
- 10 CUSTOM PRESETS (6C, RGBW, TW)

### HOUSING

- Highly resistant body in extruded aluminum and techno-polymer body
- Finishing: Black
- IP 20

### ELECTRICAL

- Power supply: 100-240 V – 50/60 Hz
- Power consumption 200 W
- PF>0.94/230VAC PF>0.98/115VAC at full load

### CONNECTION

- Power connector: Chassis PowerCON TRUE1 In/Out
- Additional cable: 2m H05RN-F cable with powerCON TRUE1 female cable connector
- DMX: XLR 5-pole In/Out panel connectors

### OPTIONS

- Pole Operated Yokes
- ARC Motorized Yokes DMX 512
- Market-standard fixed optics adaptor

### COMPLIANCE

- CE
- EN 60598-1; EN 60598-2-17
- SSL Licensing Program
- Manufactured in Italy with Quality System ISO 9001:2015

### DIMENSIONS

FN	6.0 Kg	355*342*295 mm
PC	6.8 Kg	445*387*295 mm

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### DMX chart

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

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4 m	6 m	8 m	10 m	12 m
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Model	Type	CT	CRI	Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam	(measure at)
FN HY LED 200	WW	3000K	97	14°	3034	1,0	1349	1,5	759	2,0	485	2,4	337	2,9	3000K
				81°	520	6,8	231	10,1	130	13,5	83	16,9	58	20,3	
	NW	4000K	97	14°	3276	1,0	1456	1,5	819	2,0	524	2,4	364	2,9	4000K
				81°	561	6,8	250	10,1	140	13,5	90	16,9	62	20,3	
	CW	5600K	97	14°	3448	1,0	1533	1,5	862	2,0	552	2,4	383	2,9	5600K
				81°	591	6,8	263	10,1	148	13,5	95	16,9	66	20,3	
TW	2700-6500K	95	13°	4793	0,9	2130	1,4	1198	1,8	767	2,3	533	2,7	4000K	
			50°	470	3,7	209	5,6	117	7,4	75	9,3	52	11,1		
RGBW	2700-8000K	85	13°	3876	0,9	1723	1,4	969	1,8	620	2,3	431	2,7	Full Ch	
			50°	423	3,7	188	5,6	106	7,4	68	9,3	47	11,1		
6C	2700-8000K	-	13°	4095	0,9	1820	1,4	1024	1,8	655	2,3	455	2,7	Full Ch	
			50°	442	3,7	197	5,6	111	7,4	71	9,3	49	11,1		
PC HY LED 200	WW	3000K	97	16°	2731	1,1	1214	1,7	683	2,2	437	2,8	303	3,3	3000K
				87°	546	7,5	243	11,3	136	15,0	87	18,8	61	22,5	
	NW	4000K	97	16°	2948	1,1	1310	1,7	737	2,2	472	2,8	328	3,3	4000K
				87°	589	7,5	262	11,3	147	15,0	94	18,8	65	22,5	
	CW	5600K	97	16°	3103	1,1	1379	1,7	776	2,2	497	2,8	345	3,3	5600K
				87°	620	7,5	276	11,3	155	15,0	99	18,8	69	22,5	
TW	2700-6500K	95	15°	4922	1,0	2188	1,6	1230	2,1	788	2,6	547	3,1	4000K	
			50°	478	3,7	213	5,6	120	7,4	77	9,3	53	11,1		
RGBW	2700-8000K	85	15°	2827	1,0	1257	1,6	707	2,1	452	2,6	314	3,1	Full Ch	
			50°	430	3,7	191	5,6	108	7,4	69	9,3	48	11,1		
6C	2700-8000K	-	15°	3504	1,0	1558	1,6	876	2,1	561	2,6	389	3,1	Full Ch	
			50°	444	3,7	198	5,6	111	7,4	71	9,3	49	11,1		