

# Hyperion Series

## 300W Fresnel / PC

(ver. 2020/06)



### SOURCE

- 300W LED ARRAY
- Source life expectancy: > 50.000 h

### COLOUR RENDERING

	CRI	TLCI	TM-30
6C*	>94	92	94
RGBW	>85	90	90
TW	>94	92	93
WW/CW	>97	97	93

\*6C: Red Green Blue Amber Cyan Lime

### LUMINOUS FLUX

	FN	PC
6C	5'863 lm	4'073 lm
RGBW	5'518 lm	3'740 lm
TW	6'259 lm	4'381 lm
WW	6'130 lm	4'258 lm
CW	6'436 lm	4'472 lm

### CONTROL

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

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

### OPTICS

- 200mm High-quality glass lens optics
- Focus: manual

	FN	PC
WW/CW	09°-45°	06°-45°
TW	09°-45°	06°-45°
RGBW/6C	12°-45°	08°-45°

### HOUSING

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

### 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

### COMPLIANCE

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

### 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

### 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

### PRESETS

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

### ELECTRICAL

- Power supply: 100-240 V – 50/60 Hz
- Power consumption: 300 W
- PF>0.94/230VAC PF>0.98/115VAC at full load

### OPTIONS

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

### DIMENSIONS

FN	8.6 Kg	480*425*295 mm
PC	9.8 Kg	570*470*295 mm

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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 300	WW	3200K	95	9°	14609	0,6	6493	0,9	3652	1,3	2338	1,6	1623	1,9	3200K
				45°	1094	3,3	486	4,9	273	6,6	175	8,2	122	9,9	
	CW	5600K	95	9°	15340	0,6	6818	0,9	3835	1,3	2454	1,6	1704	1,9	5600K
				45°	1148	3,3	510	4,9	287	6,6	184	8,2	128	9,9	
	TW	2700-6500K	95	9°	10497	0,6	4665	0,9	2624	1,3	1680	1,6	1166	1,9	5600K
				45°	834	3,3	371	4,9	209	6,6	134	8,2	93	9,9	
	RGBW	2700-8000K	85	12°	7720	0,8	3431	1,3	1930	1,7	1235	2,1	858	2,5	Full Ch
				45°	984	3,3	438	4,9	246	6,6	158	8,2	109	9,9	
	6C	2700-8000K	97	12°	8359	0,8	3715	1,3	2090	1,7	1337	2,1	929	2,5	Full Ch
				45°	1046	3,3	465	4,9	262	6,6	167	8,2	116	9,9	
PC HY LED 300	WW	3200K	95	6°	17477	0,0	7768	0,6	4369	0,8	2796	1,0	1942	1,2	3200K
				45°	760	3,3	338	4,9	190	6,6	122	8,2	84	9,9	
	CW	5600K	95	6°	18351	0,4	8156	0,6	4588	0,8	2936	1,0	2039	1,2	5600K
				45°	798	3,3	355	4,9	199	6,6	128	8,2	89	9,9	
	TW	2700-6500K	95	6°	12558	0,4	5581	0,6	3139	0,8	2009	1,0	1395	1,2	5600K
				45°	580	3,3	258	4,9	145	6,6	93	8,2	64	9,9	
	RGBW	2700-8000K	85	8°	8938	0,6	3973	0,8	2235	1,1	1430	1,4	993	1,7	Full Ch
				45°	667	3,3	297	4,9	167	6,6	107	8,2	74	9,9	
	6C	2700-8000K	97	8°	10000	0,6	4444	0,8	2500	1,1	1600	1,4	1111	1,7	Full Ch
				45°	727	3,3	323	4,9	182	6,6	116	8,2	81	9,9	