

Hyperion Series

700W Profile

(ver. 2022/07)



SOURCE

- 700W LED ARRAY
- Source life expectancy: > 50.000 h
- Note: for Luminous flux and Colour rendering refer to the table at the end of this document

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 (8C)
- ± Green (8C)
- Color boost (8C)
- Calibration function (8C)
- 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, wireless-DMX ready
- Local potentiometer
- Reversible graphics display with standby-shutdown function
- Wireless ready

	DMX Channels
WHITE	1 / 3 / 6 ch
TW	2 / 5 / 7 / 9 / 10 ch
8C	3 / 6 / 7 / 8 / 11 / 25 / 26 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

- High-quality glass lens optics – AR coating
- Focus: manual (motorized-ready)
- Gobo size: B
- Note: for Beam angles refer to the table at the end of this document

PRESETS

- 45-GEL FILTER (8C)
- CCT 2700-20000K (8C)
- 10 CUSTOM PRESETS (8C)

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: 700 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



COMPLIANCE

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

DIMENSIONS

ZS	31 Kg	1270*470*400 mm
ZW	28 Kg	920*470*400 mm

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DMX chart

	WHITE		
	1CH	3CH	6CH
	8 BIT	8 BIT	16 BIT
1 ch	DIMMER	DIMMER	DIMMER
2 ch		STROBO	DIMMER FINE
3 ch		SERVICE	DELAY
4 ch			FAN
5 ch			STROBE
6 ch			SERVICE
7 ch			
8 ch			
9 ch			
10 ch			

	TUNABLE WHITE				
	EASY	SPLIT	SPLIT	STUDIO	THEATRE FULL
	8 BIT	8 BIT	16 BIT	16 BIT	16 BIT
DIMMER	DIMMER	DIMMER	DIMMER	DIMMER	
CCT	WW	DIMMER FINE	DIMMER FINE	DIMMER FINE	
	CW	WW	CCT	CCT	
	STROBO	WW FINE	WW +/-	DELAY	
	SERVICE	CW	CW +/-	FAN	
		CW FINE	DELAY	STROBO	
		DELAY	FAN	SERVICE	
		FAN	STROBO		
		STROBO	SERVICE		
		SERVICE			

	RGBACL+CW+WW						
	EASY	CMY	RGB	HSI	RGBACL+CW+WW	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	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
9 ch					WW	AMBER	AMBER
10 ch					STROBO	AMBER FINE	AMBER FINE
11 ch					SERVICE	CYAN	CYAN
12 ch						CYAN FINE	CYAN FINE
13 ch						LIME	LIME
14 ch						LIME FINE	LIME FINE
15 ch						CW	CW
16 ch						CW FINE	CW FINE
17 ch						WW	WW
18 ch						WW FINE	WW FINE
19 ch						COLOUR PRESET	COLOUR PRESET
20 ch						SATURATION	CCT
21 ch						CCT	+/- GREEN
22 ch						+/- GREEN	DELAY
23 ch						DELAY	FAN
24 ch						FAN	STROBO
25 ch						STROBO	SERVICE
26 ch						SERVICE	

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LIGHT OUTPUT

Model	Type	CT	(measure at)	CRI	TLCI	TM-30	Beam	Lux	∅ Beam	Lux	∅ Beam	Lux	∅ Beam	Lux	∅ Beam	Lux	∅ Beam	Peak CD
PR HY LED 700 ZS	WW	3200K	3200K	95	92	93	8°	65.339	0,6	29.039	0,8	16.335	1,1	10.454	1,4	7.260	1,7	1.045.417
							25°	11.660	1,8	5.182	2,6	2.915	3,5	1.866	4,4	1.296	5,3	186.567
	CW	5600K	5600K	95	92	93	8°	73.125	0,6	32.500	0,8	18.281	1,1	11.700	1,4	8.125	1,7	1.170.000
							25°	13.050	1,8	5.800	2,6	3.263	3,5	2.088	4,4	1.450	5,3	208.800
	TW	2700-6500K	5600K	95	92	93	8°	66.016	0,6	29.340	0,8	16.504	1,1	10.563	1,4	7.335	1,7	1.056.250
							25°	14.455	1,8	6.425	2,6	3.614	3,5	2.313	4,4	1.606	5,3	231.286
	8C	1500-20000K	Full Ch	97	92	94	8°	61.107	0,6	27.159	0,8	15.277	1,1	9.777	1,4	6.790	1,7	977.708
							25°	10.905	1,8	4.847	2,6	2.726	3,5	1.745	4,4	1.212	5,3	174.483
									4 m		6 m		8 m		10 m		12 m	

Model	Type	CT	(measure at)	CRI	TLCI	TM-30	Beam	Lux	∅ Beam	Lux	∅ Beam	Lux	∅ Beam	Lux	∅ Beam	Lux	∅ Beam	Peak CD
PR HY LED 700 ZW	WW	3200K	3200K	95	92	93	20°	16.124	1,4	7.166	2,1	4.031	2,8	2.580	3,5	1.792	4,2	257.977
							40°	4.322	2,9	1.921	4,3	1.081	5,8	692	7,2	480	8,7	69.158
	CW	5600K	5600K	95	92	93	20°	18.045	1,4	8.020	2,1	4.511	2,8	2.887	3,5	2.005	4,2	288.720
							40°	4.838	2,9	2.150	4,3	1.209	5,8	774	7,2	538	8,7	77.400
	TW	2700-6500K	5600K	95	92	93	20°	16.291	1,4	7.240	2,1	4.073	2,8	2.607	3,5	1.810	4,2	260.650
							40°	5.358	2,9	2.382	4,3	1.340	5,8	857	7,2	595	8,7	85.735
	8C	1500-20000K	Full Ch	97	92	94	20°	15.079	1,4	6.702	2,1	3.770	2,8	2.413	3,5	1.675	4,2	241.268
							40°	4.042	2,9	1.797	4,3	1.011	5,8	647	7,2	449	8,7	64.679
									4 m		6 m		8 m		10 m		12 m	