Hyperion Series
300W Followspot
(ver. 2022/04)

SOURCE
- 300W 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
- 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
- Wireless ready

	DMX Channels
WHITE	1 / 3 / 6 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
- Gobo size: B
- Additional fixed optics: 5° / 10° / 14° /19° / 26° / 36° / 50° / 70° / 90°
- Note: for Beam angles refer to the table at the end of this document

PRESETS
- 6way built-in manual colour changer

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: 300 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

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

DIMENSIONS

Followspot	19 Kg	840*280*250 mm

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			STROBO
6 ch			SERVICE

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Model	Type	CT	(measure at)	CRI	TLCI	TM-30	Lumen	Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam	Peak CD
FS HY LED 300	CW	5600K	5600K	97	97	94		7°	16.893	0,6	4.223	1,2	1.877	1,8	1.056	2,4	676	3,0	422.325
								14°	6.480	1,2	1.620	2,4	720	3,7	405	4,9	259	6,1	162.000
									5 m		10 m		15 m		20 m		25 m		

NOISE LEVEL DATA (silent mode)

Test conditions during measurements:

Temperature: 22°C
Relative humidity: 79%
Radius of spherical measuring surface: 2m

Test in hemi-anechoic room

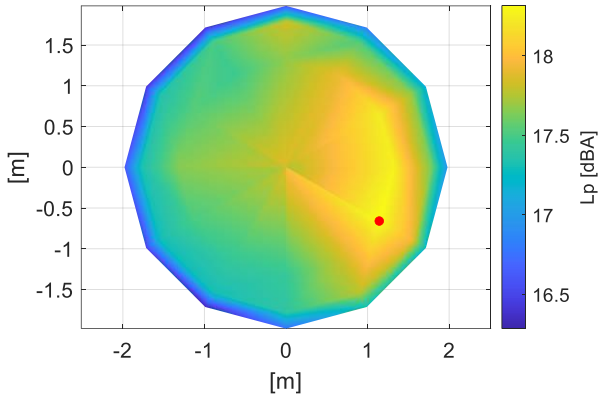
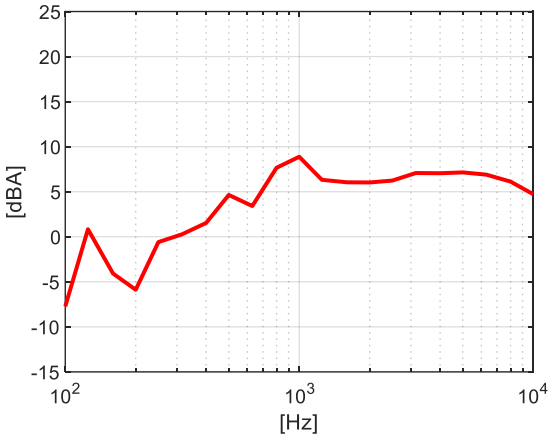
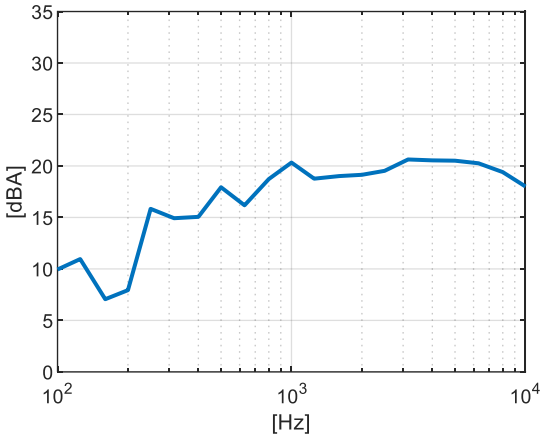


Diagram of Sound Pressure level L_P [dBA], the red point identifies the direction of maximum noise emission [1]



Sound pressure level spectrum [dBA] measured at maximum noise emission point



Sound power level spectrum L_{WA} [dBA]

Total sound pressure level L_P (0.1 – 10 kHz, ref. 2 ×10^{-5} Pa) at different distances[2]:

Distance	1 m	2 m	4 m	6 m
Sound pressure level LP	24.3 dBA	18.3 dBA	12.3 dBA	8.8 dBA

The total sound power level L_{WA} is equal to **31.3 dBA** (0.1 – 10 kHz, ref. 1 ×10^{-12} W).

[1]The positive direction of X axis corresponds to the spotlight central axis and points in the direction of light emission

[2]Estimated Sound Pressure levels starting from the one measured at the point of maximum noise emissions at 2 m.