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|---|---|---|---|---|---|---|---|---|---|
| 30W Pinspot | 50W Fresnel, PC, Profile | 85W Downlight | 100W Fresnel, PC, Profile | 200W Fresnel, PC, Profile | 300W Fresnel, PC, Profile | 300W Followspot | 700W Fresnel, PC, Profile | 700W Followspot | 600W Cyclorama |




# HYPERION 700W LED

## Followspot

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## SOURCE

- **700W LED ARRAY**
- For **LUMINOUS FLUX** and **COLOR RENDERING INDEX** (CRI) refer to the related table
- LED's lifespan at an average of 70% intensity after **54,000 hours**

## HOUSING

- **Robust** and **ultra-lightweight**
- Highly resistant body in **extruded aluminum** and **techno-polymer** body
- **IP 20**
- Finishing: **black**

## ELECTRICAL

- Power consumption: 700W
- Power supply: 100-240 V – 50/60 Hz
- PF>0.94/230VAC PF>0.98/115VAC at full load

## COMPLIANCE

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

## DIMENSIONS

| | | |
|---|---|---|
| Followspot | 36 Kg | 1440*420*400 mm |

## SOFTWARE FUNCTIONS

- **ESD**: 8bit or 16bit
- Up to 6 **DIMMING CURVE** **Mark-II**
  - Linear
  - Halogen
  - Quadratic
  - Gamma 2.6
  - Gamma 2.8
  - S
- **LED DELAY**: from 0 to 2000ms
- PWM LED 500Hz-20KHz
- **OUTPUT FREQUENCY** in order to remove flickering
- **FAN MODE:** selectable from fixture (AUTO, STANDARD, SILENT) or remote from DMX
- **SERVICE CHANNEL** in order to control all the settings that are normally set from the fixture by using a console
- **DISPLAY ROTATION** and **DISPLAY ON/OFF**
- **BOARD TEMPERATURE** and **CHIP TEMPERATURE** in order to monitor how the fixture works **Mark-II**
- **WIRELESS DMX** ready **Mark-II**
- Hour-counter on single LED
- Storage and factory recovery
- Upgradable firmware via DMX/USB tool
- Advanced remote settings (**RDM**) for all parameters via DMX
- **ERROR LIST** in order to display errors that can occur

## THERMAL MANAGEMENT

- Wide ventilation slots for better LED cooling with 3 selectable FAN MODE
- High efficiency heat pipe cooling system
- Ta max 40°C




## CONNECTION and CONTROL

- Power connector: chassis PowerCON TRUE1 In/Out + 2m H05RN-F cable with PowerCON TRUE1 female cable connector
- Control: built-in potentiometer and via DMX (XLR 5-pole IN/OUT connectors)






## OPTICS

- **230mm high-quality glass lens / AR coating**
- Zoom: **ultra-narrow beam angle (4°-10°)**
- Focus: **manual**
- Gobo size: B
- **Integrated frost** (IN/OUT)
- **Integrated iris** with blackout (going to zero – fully closing)



## COLOR and CCT

- 6way built-in manual colour changer



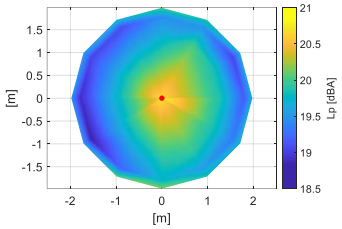
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## NOISE LEVEL DATA (silent mode)

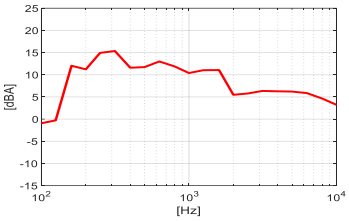
Conditions during measurements:

- Test in hemi-anechoic room
- Temperature: 22°C
- Relative humidity: 79%
- Radius of spherical measuring surface: 2m

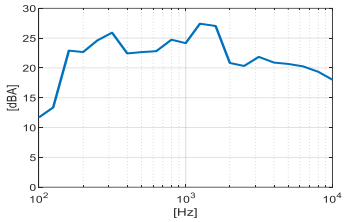
*Diagram of Sound Pressure level $L_P$ [dBA], the red point identifies the direction of maximum noise emission* [1]




*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 | 29.5 dBA | 23.5 dBA | 17.5 dBA | 14.0 dBA |

**The total sound power level $L_{WA}$** is equal to **33.7 dBA** (0.1 – 10 kHz, ref. 1 ×10$^{-12}$ W).

## DMX PERSONALITIES

| | White | | |
|---|---|---|---|
| | 1CH | 3CH | 6CH |
| | 8 BIT | 8 BIT | 16 BIT |
| 1 ch | DIMMER | DIMMER | DIMMER |
| 2 ch | | STROBO+STORE | DIMMER FINE |
| 3 ch | | SERVICE | DELAY |
| 4 ch | | | FAN |
| 5 ch | | | STROBO+STORE |
| 6 ch | | | SERVICE |

## LIGHT OUTPUT

| Model | Type | CT | (measure at) | CRI | TLCI | TM-30 | Lumen (max) | Beam | Lux | Ø Beam | Lux | Ø Beam | Lux | Ø Beam | Lux | Ø Beam | Lux | Ø Beam |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FS HY LED 700 | CW | 5600K | 5600K | 97 | 97 | 94 | 48.600 | 4° | 1.988 | 2,1 | 1.118 | 2,8 | 716 | 3,5 | 497 | 4,2 | 365 | 4,9 |
| | | | | | | | | 10° | 488 | 5,2 | 274 | 7,0 | 176 | 8,7 | 122 | 10,4 | 90 | 12,2 |
| | | | | | | | | | **30 m** | | **40 m** | | **50 m** | | **60 m** | | **70 m** | |

## What is in the box

- Fixture
- 2m H05RN-F cable with powerCON TRUE1 female cable connector
- Safety instructions

## Accessories

- Gobo-holder type B **PGB HY 700**
- Tripod stand (low), 28mm DIN receiver, adjustable with lazy leg **BS**
- Attachment DIN spigot to 10 MA with plate (for BS and AS stand) **DIN P 10**
- Set of 3 wheels with brake **RF**
- Laser sight **FS REFLEX POINTER**
- **Flycase**

[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.

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## Fixture













## Accessories





