SPOTLIGHT PRO
professional lighting for the performing arts



Cyclorama

600W LED

Serie Lucciola	Serie Canova	Serie Halled	Serie Hyperion						Serie Cyclorama
30W Pinspot	30W Pinspot, 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

SOURCE

- **600W (96 LED)**
- For **LUMINOUS FLUX** and **COLOR RENDERING INDEX** (CRI) refer to the related table

	Luminous flux	Colour rendering		
		CRI	TLCI	TM-30
RGBA		97	92	94
8 FULL COLOUR		97	92	94

HOUSING

- Highly resistant body in **extruded aluminum**
- **IP 20**
- Finishing: **black**

ELECTRICAL

- Power consumption: 600 W
- Power supply: 100-240 V – 50/60 Hz
- PF>0.94/230VAC PF>0.98/115VAC at full load

THERMAL MANAGEMENT

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

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

OPTICS

- **High-quality polycarbonate lens**

COMPLIANCE

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

SOFTWARE FUNCTIONS

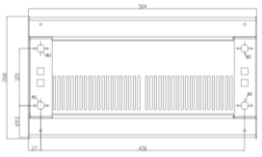
- **ESD**: 8bit or 16bit
- Up to 6 **DIMMING CURVE**
- **LED DELAY**: from 0 to 2000ms
- **AMBER SHIFT**, in combination whit HALO dimming curve and LED delay, in order to emulate the performances of a halogen lamp
- PWM LED 500Hz-20KHz
- **± GREEN** in order to guarantee a fine adjustment of green component of CCT
- **OUTPUT FREQUENCY** in order to remove flickering
- **LED BOOST** in order to increase +20% the light output of a fixture when for a tint or CCT when not all LED channels are at full
- **FAN MODE:** selectable from fixture (AUTO, STANDARD, SILENT) or remote from DMX
- **LED CALIBRATION** in order to adjust the tints of a group of fixtures when/if they aren't aligned, despite being set with the same DMX values
- **SERVICE CHANNEL** in order to control all the settings that are normally set from the fixture by using a console
- **STAND-ALONE** and **MASTER AND SLAVE** in order to control one or more fixtures without using a console, creating one or multi scenes
- **DISPLAY ROTATION** and **DISPLAY ON/OFF**
- **BOARD TEMPERATURE** and **CHIP TEMPERATURE** in order to monitor how the fixture works
- **WIRELESS DMX** ready
- 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

COLOR and CCT PRESETS

- Manual control
  - MANUAL PRESET: CCT (9) + LEE FILTERS (66) + custom (10)
  - MANUAL COLOUR: LEE filters (66) + custom (19)
  - MANUAL CCT: CCT (36)
- DMX control:
  - LEE FILTERS channel: standard (241) + custom (14)
  - ROSCO FILTERS channel: standard (236) + custom (19)
  - CCT channel (1500-20000K)

DIMENSIONS

Cyclorama	15.0 Kg	230x500x140 mm



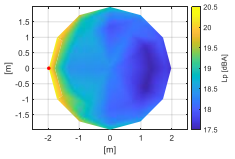


NOISE LEVEL DATA (silent mode)

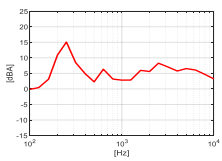
Conditions during measurements

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

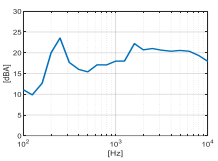
Diagram of Sound Pressure level L_P [dBA], the red point identifies the direction of maximum noise emission [1]



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	23.1 dBA	17.1 dBA	11.1 dBA	7.6 dBA

The total sound power level L_{WA} is equal to **30.2 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.

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DMX PERSONALITIES

	RGBA					
	EASY 8 BIT	HSIC 8 BIT	RGBA 8 BIT	RGBA 16 BIT	THEATER 16 BIT	STUDIO 16 BIT
1 ch	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER
2 ch	ROSCO FILTERS	HUE	RED	DIMMER FINE	DIMMER FINE	DIMMER FINE
3 ch	LEE FILTERS	HUE FINE	GREEN	RED	RED	RED
4 ch	CCT PRESET	SATURATION	BLUE	RED FINE	RED FINE	RED FINE
5 ch		CCT LINEAR	AMBER	GREEN	GREEN	GREEN
6 ch		STROBO+STORE	STROBO+STORE	GREEN FINE	GREEN FINE	GREEN FINE
7 ch		SERVICE	SERVICE	BLUE	BLUE	BLUE
8 ch				BLUE FINE	BLUE FINE	BLUE FINE
9 ch				AMBER	AMBER	AMBER
10 ch				AMBER FINE	AMBER FINE	AMBER FINE
11 ch					ROSCO FILTERS	ROSCO FILTERS
12 ch					LEE FILTERS	LEE FILTERS
13 ch					SATURATION	CCT STEPS
14 ch					CCT LINEAR	GREEN +/-
15 ch					GREEN +/-	DELAY
16 ch					DELAY	FAN
17 ch					FAN	STROBE+STORE
18 ch					STROBO+STORE	SERVICE
19 ch					SERVICE	FREE 1
20 ch					FREE 1	FREE 2
21 ch					FREE 2	

	8 FULL COLOUR					
	EASY 8 BIT	HSIC 8 BIT	8FC 8 BIT	8FC 16 BIT	THEATER 16 BIT	STUDIO 16 BIT
1 ch	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER
2 ch	ROSCO FILTERS	HUE	RED	DIMMER FINE	DIMMER FINE	DIMMER FINE
3 ch	LEE FILTERS	HUE FINE	GREEN	RED	RED	RED
4 ch	CCT PRESET	SATURATION	BLUE	RED FINE	RED FINE	RED FINE
5 ch		CCT LINEAR	AMBER	GREEN	GREEN	GREEN
6 ch		STROBO+STORE	CYAN	GREEN FINE	GREEN FINE	GREEN FINE
7 ch		SERVICE	DARK RED	BLUE	BLUE	BLUE
8 ch			DARK BLU	BLUE FINE	BLUE FINE	BLUE FINE
9 ch			MINT	AMBER	AMBER	AMBER
10 ch			STROBO+STORE	AMBER FINE	AMBER FINE	AMBER FINE
11 ch			SERVICE	CYAN	CYAN	CYAN
12 ch				CYAN FINE	CYAN FINE	CYAN FINE
13 ch				DARK RED	DARK RED	DARK RED
14 ch				DARK RED FINE	DARK RED FINE	DARK RED FINE
15 ch				DARK BLU	DARK BLU	DARK BLU
16 ch				DARK BLU FINE	DARK BLU FINE	DARK BLU FINE
17 ch				MINT	MINT	MINT
18 ch				MINT FINE	MINT FINE	MINT FINE
19 ch					ROSCO FILTERS	ROSCO FILTERS
20 ch					LEE FILTERS	LEE FILTERS
21 ch					SATURATION	CCT STEPS
22 ch					CCT LINEAR	GREEN +/-
23 ch					GREEN +/-	DELAY
24 ch					DELAY	FAN
25 ch					FAN	STROBE+STORE
26 ch					STROBO+STORE	SERVICE
27 ch					SERVICE	FREE 1
28 ch					FREE 1	FREE 2
29 ch					FREE 2	

What is in the box

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

Accessories

FIXTURE

- Not applicable

MOVEMENT SYSTEM (more info here)

- Pole Operated, 2-way Pan and Tilt **PO/2 CYC600**

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