

POLYMNIA

The Pentagon



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OVERVIEW

The Muses of Light is the innovative range by De Sisti studied and designed to operate the best in cinema and location. The range offers the best solution for any situation possible, with luminaires that go from narrow spot to full flood and tunable CCT, from 2700 to 6500 K°. Every fixture has its own definite geometric shape, it is characterized by a very high energy efficiency, extreme versatility of use and can be operated both manually and via DMX.

The Lighting Fixture is DMX Controlled for:

- 0 to 100% with a super smooth Dimming (over 40.000 dimming points between 0 and 100)
- Super precise CONTINUOUS MODE for CCT control for every 50 K°.

The Muses of Light – POLYMNIA, the PENTAGON, combines high-power input (210W) to a FLOOD optic, with a beam angle of 28 degrees that provides up to (max value) at 10 mt distance.



MODEL & ACCESSORIES	DESCRIPTION
5MH	Polymnia Medium Head and Yoke
DSE-300	DSE (Detachable Smart Electronics) - 300W
EC19P-10M	19 poles 10 m. Long Extension Cable including: - IN LINE 19 poles Male and Female Connector - Multicore Flexible Cable 10 m. long - adapt for DSE-300, DSE-500, DSE-1000
5MC	Transport case for POLYMNIA Medium, includes: - Flight Case with Brakable Wheels

FEATURES

- Detachable driver, can operate in remote until 50 mt from the fixture (with optional extension cable)
- Conventional cooling (no fans)
- The driver automatically recognizes the Muse to which it is connected and adjusts the firmware accordingly
- Over 40.000 dimming points between 0 and 100%
- Immediate and super precise dimming response
- Rugged aluminium housing designed with advanced construction technologies, special "STARDUST" coating
- Wireless DMX as standard (LUMENRADIO TIMOTWO)
- Dmx in-out, powercon in-out
- 3 CCT Preset buttons in Storaro mode (3200, 4300 and 5500 K°)
- Optional accessories available
- LED power 2000W, Narrow spot optic



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TECHNICAL SPECIFICATIONS

Power to LED	210W - DC current to the LED - flicker free
Rated Voltage & PFC	90-250V 50-48Hz PFC 0,96 DC 48V
Power consumption	247W @ 230V 247W @120V
Power Connection	powerCON IN & OUT XLR Pin for battery operation
DMX Channels	8 bit: 7 to 9 (depending if Mode control and Fan control are activated) 39 in Extended mode 16 bit: 8 to 10 (depending if Mode control and Fan control are activated) 40 in Extended mode
DMX Channels	2 @ 8bit 3 @ 16bit
LED ARRAY Lifetime	50.000 hours with 80% Lumen Maintenance. The LED BOARDS are tested and certified up to LM80
CCT	Tunable from 2.800°K to 6.600°K
CRI / TLCI	CRI>95 TLCI:96
Protection Type	Min. IP23 (IP rating test shortly available)
Ambient operating Temperature	-20° C to +45°C (-4° to 113°F)
Weight of Fixture	Head 12,9 Kg – Driver 2,5 Kg
Size	50 cm x 50 cm 670 mm x 770 mm 140 mm with driver - 120 mm only head 26.37" x 30.31" x 5.51" (with driver) - 4.72" (only head)
Optic	Flood 28°
Illumination at 10 mt distance	35 Fc

DIMENSIONS

