



LUMA 1500 SH/SP

LUMA 1500 is an LED Moving Head that can truly replace a classic 1500W HID fixture. At the heart of the LUMA1500 is a 440W 6500K liquid cooled LED engine that delivers a staggering 26,000 Lumens using a custom optical system to deliver a consistent output, flat field and crisp gobo projection.

LUMA 1500 has been designed from the beginning to provide the creative flexibility and precision that productions demand, from theatres to broadcast and large arenas.

Features

- 440w 6500k High Brightness White LED source
- Real alternative to a 1200/1500W HID fixtures
- Flat field projection, sharp beam and crisp gobos
- 5°-50° fast zoom (1:10)
- CMY color mixing and linear CTO, with additional 7 slot color wheel
- 3f circular prism, motorized linear iris and variable frost filter
- Two wheels with interchangeable gobos: 6 rotating gobo + 7 fixed gobos
- **SP version:** Animation Core Module with 8bit animation wheel, CW and CCW rotation
- **SH version:** 4 shutter blades with position and $\pm 30^\circ$ angle adjustment, $\pm 45^\circ$ rotation of the complete framing system
- Modular design to swap modules between Spot (SP) and Shutter (SH) versions
- Advanced High Definition and smooth dimming technology



PHOTOMETRICS
AND SPECIFICATIONS
WWW.MUSICLIGHTS.IT



Animation
Core Modules



Framing Shutter
Core Modules



Rotating gobos

Ø 27 mm - image: Ø 21 mm - thickness: 1.1mm



Fixed gobos

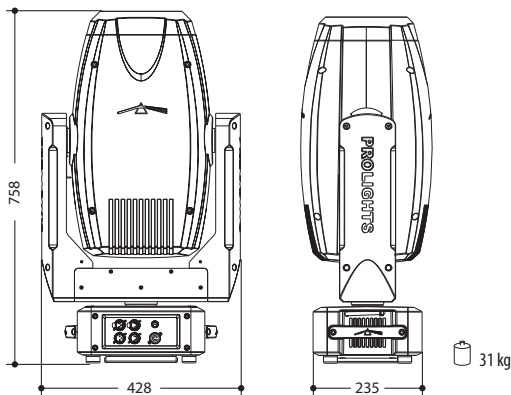
Ø 27 mm - image: Ø 21 mm - thickness: 1.1mm



Animation Wheel



Color wheel



LIGHT SOURCE

- Source: 440W High Power White LED
- Temperature: 6500K
- Luminous Flux: 26000lm
- Lux: (5°) 21720 - (50°) 1535lux @5m
- Source Life Expectancy: >20.000 h

OPTICS

- Zoom: 5-50° Motorised linear zoom
- Lens Type: HD anti-reflection lenses with achromatic coating
- Focus: Motorised with autofocus
- High quality flat field projection

COLOR SYSTEM

- Color Mixing: Linear CMY
- CTC: Linear CTO correction 2700~6000K
- Color Wheel: 7 dichroic filters+Open
- Macros: Several built-in CMY macros

DYNAMIC EFFECTS

- Shutter System: (Inc) 4 shutter blades with position and $\pm 30^\circ$ angle adjustment, $\pm 45^\circ$ rotation of the complete framing system
- Animation Wheel: (Opt) Animation wheel with CW and CCW rotation
- Rotating Gobos: 6 Rotating gobos+Open, Interchangeable, Indexing
- Gobo Size: gobo Ø 27 mm - img Ø 21 mm - 1.1 mm
- Fixed gobos: 7 Fixed gobos+Open, Interchangeable
- Gobo Size: gobo Ø 27 mm - img vØ 21 mm - 1.1 mm
- Circular Prism: 3f with bi-directional rotation, Indexing
- Frost: Linear 0-100% frost filter
- Iris: 5-100% motorized linear iris

BODY

- Pan Angle: 630-540°
- Tilt Angle: 267°
- Pan/Tilt Resolution: 8/16 bit

- Feedback: Automatic repositioning after accidental movement
- Body: Aluminium structure with hi-resistance polycarbonate cover
- Body Color: Black

CONTROL

- Protocols: DMX, RDM
- Dmx Channels: 28/30/37/38ch
- W-DMX: Included, Wireless Solution receiver
- RDM: RDM ready for fixture remote monitor and settings
- Display: LCD high resolution color display
- Firmware Upgrade: Yes, via USB-DMX interface (UPBOX2) not included
- Hibernation: Power Safe Mode when lost DMX

ELECTRONICS

- Dimmer: Linear 0~100% electronic dimmer
- Strobe/Shutter: 1/28 flash/s, electronic
- Battery Backup: Battery backup for user operation without connecting to the main power
- Operating Temperature: -10/45°

ELECTRICAL

- Power Supply: 100-240V – 50/60Hz
- Power Consumption (at 230V): 650W

PHYSICAL

- Signal Connection: 3p+5p in/out
- Power Connection: PowerCON TRUE1 in
- IP: 20
- Cooling: Combination of liquid cooling system and low noise fan
- Pan/Tilt Lock: Pan and Tilt locking for transportation and maintenance
- Suspension And Fixing: Any position with "quick-lock" omega brackets
- Dimensions (WxHxD): 428x758x285mm
- Weight: 31Kg