

**PROJECTS IMAGES,
LOGOS AND PATTERNS**

**ON-BOARD
PROGRAMMING
AND PLAYBACK**

COMPACT SIZE

LONG LAMP LIFE

**LASER AIMING DEVICE
(OPTIONAL)**



STUDIO SPOT 250

AUTOMATED LUMINAIRE

Studio Spot® 250 projects custom LithoPatterns® of company logos, product brands, pictures, patterns or messages virtually anywhere. With 540° of pan and 270° of tilt movement, the fixture can move colorful images throughout any environment.

Seven interchangeable high-resolution **LITHOPATTERNS ARE FITTED AS STANDARD** and are easily replaced with logos or custom images. All patterns smoothly rotate and fully index; it's also possible to superimpose static and rotating images for **MULTI-FOCUS AND MOIRÉ EFFECTS.**

Studio Spot 250's lightweight and durable construction houses classic High End features such as dichroic color media and variable iris, along with newer developments like the **INNOVATIVE LASER AIMING DEVICE (LAD SYSTEM)** and **ON-BOARD PROGRAMMING AND PLAYBACK** capabilities. The Studio Spot 250's long lamp life and sharp optics make it a colorful and reliable addition to any nightclub or store.



STUDIO SPOT 250 SEEN ON:

International Spy Museum-Washington D.C. • Lenny Kravitz • CBS-TV "25 Years of Hits" • Shanghai Hungpau Pedestrian Tunnel • Garbage • "Oprah" • Creed • Dave Matthews Band • Area: One Tour

STUDIO SPOT[™] 250



LITHOPATTERNS[®]



FEATURES:

- Color wheel features 12 colors, including 1 CTO color corrector, and 1 open position
- The fully rotating, fully indexing Litho wheel has 7 replaceable litho positions and 1 fixed open position
- Rotating effects wheel features 4 replaceable effects and 1 fixed open position
- Static frost
- Variable iris
- Variable strobe
- Remote focus
- Standard 18° lens
- Optional Wide Angle lenses (27° and 40°)
- LithoPatterns[®] high resolution glass gobos deliver customizable, near photo-quality image projection
- Double stacking litho options for moiré and morphing effects
- On-board programming and playback eliminate need for control console
- Full optical dimming and fade to black
- Optical encoders automatically correct the head's position if it is manually moved

OPERATION:

- 540° pan x 270° tilt movement
- Occupies 18 DMX channels in standard mode
- Power Consumption: 375W; 100V – 240V, 50/60 Hz

CONSTRUCTION:

- High resolution microstepping motor control for smooth motion at all speeds
- Stunningly fast, smooth, and quiet yoke movement using proprietary multi-phase technology
- Computer designed optical components for maximum light efficiency
- Performance-oriented exterior design prevents stray light scatter
- Low noise, high efficiency cooling system
- 3-pin and 5-pin XLR connectors

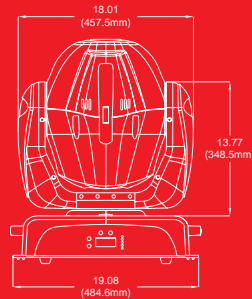
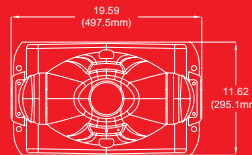
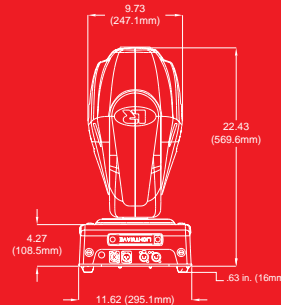
MECHANICAL SPECIFICATIONS:

- Height: 569.6mm (23in.)
- Width: 497.5mm (19.6in.)
- Depth: 295.1mm (11.6in.)
- Weight: 22.4kg (49lbs.)

OPTIONS:

- Laser Aiming Device (LAD)
- 27° lens
- 40° lens
- White finish

Source: MSD 250/2
Output: 4,000 lumens
Color temp: 6500° K
Life: 2,000 hours



HIGH END SYSTEMS



HIGH END SYSTEMS, INC.

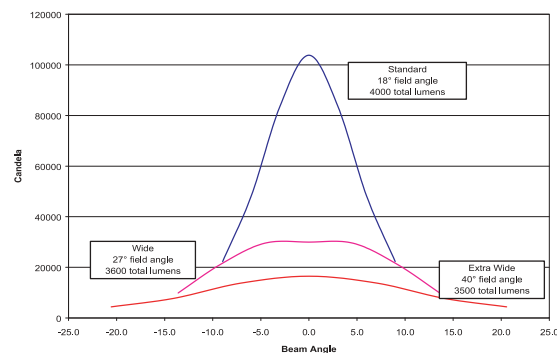
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Studio Spot[®] 250 Luminous Output



$$\text{illuminance} = \frac{\text{candela}}{\text{distance}^2}$$