

MI-750 LED

Best choice for brighter procedure outcomes

MI-750 lighting is an affordable mid-sized light and ideal for minor surgery, procedures and exams.



The MI-750 delivers maximum brightness, sharpness and color accuracy. So you can visualize your work in the most precise way. 3-stage dimming via the sterilizable handle lets you easily control brightness within the sterile field.

- 75,000 lux at 39.4" (1m)
- 4,300° K pure white
- CRI 97

DESIGN YOUR LIGHTING WITH FLEXIBILITY AND EASE

The MI-750 LED features a longer, completely reengineered arm (now 66"). The MI-750 is available in single ceiling, dual ceiling, wall, and portable mounting options. A battery back-up option is also available.



GETTING A BETTER HANDLE ON THINGS

Multi-stage dimming and illumination field are easily controlled with the sterilizable handle.



ENGINEERING MEETS SCIENCE MEETS MEDICINE

The superb MI LED Series lighting is designed to create the most pure, uniform white light possible, taking into account not only how LEDs operate but also how the human eye perceives color. The result is a remarkable optics technology that sets a new standard in surgical illumination.



To compensate for inherent LED color imperfections, an ingenious lens was developed that merges all emitted colors into one focused beam of very white light, affording you unparalleled color accuracy.

All MI Series lights incorporate a special front diffuser lens system that individually re-directs each beam into a single, coherent, even light field.

TECHNICAL SPECIFICATIONS

Optical Specifications:

Number of LEDs: 18
Output: 75,000 Lux @ 39.4" (1m)
CCT: 4,300°K
CRI: 97
Focal Length: 39.4" (1m)
Dimming Levels: 3
Dimming Percentages: 100%, 75%, 50%
Endo Mode: No
Light Field (d10): $\approx 07.7"$ ($\varnothing 196\text{mm}$)
Light Field (d50): $\approx 04.3"$ ($\varnothing 110\text{mm}$)
Depth of Illumination 26.5" (673mm)
Illuminance (one mask): .003%
Illuminance (two masks): 34.5%
Illuminance (tube with one mask): .003%
Illuminance (tube with two masks): 35.5%
Irradiance: 196 W/m²

Electrical Specifications:

Supply Circuit: 100- 240 VAC, 50/60Hz
Fuse Rating: 1.5 Amp/250VAC
Power Supply power handling capacity: 65W
Light Head power consumption: 27W @ 24VDC

Environmental Specifications:

Ambient/Operating temperature: 41°F to 104°F (5°C to 40°C)
Storage Temperature: -4°F to 122°F (-20°C to 50°C)
Humidity: 10 – 90% Relative Humidity
Pressure: 100kPa (@<2k meters)

Mechanical Specifications:

Light Head Weight: 9.0 lbs (4.1 kg)
Light Head Dimensions: $\varnothing 14.5"$ (368mm) 3.25 H" (83mm)
Arm Assembly Weight: Single = 48.3 lbs (22.0 kg)
Arm Assembly Weight: Dual = 77.1 lbs (35.0 kg)
Articulating Arm Vertical Movement: +20° Up, -60° Down
Articulating Arm Horizontal Movement: $\approx 540^\circ$
Articulating Arm/Yoke Interface: $\approx 540^\circ$
Yoke/Light Head Interface: $\approx 300^\circ$

Rotation and Movement

