

MI-1000 LED

Adding unsurpassed brilliance in the OR

The MI-1000 is designed with your procedure flexibility in mind. Mounted to floor stand options provide lighting at your desired angle.



The MI-1000 offers unsurpassed longevity and flexibility in a package that's incredibly affordable. The large diameter LED array provides excellent shadow control – even with just a single light head.

- 100,000 lux at 39.4" (1m)
- 4,300° K pure white
- CRI 97

DESIGN YOUR LIGHTING WITH FLEXIBILITY AND EASE

The MI-1000 LED features a longer, completely reengineered arm (now 66"). The MI-1000 is available in single ceiling, dual ceiling, wall, and portable mounting options. A battery back-up option is also available.



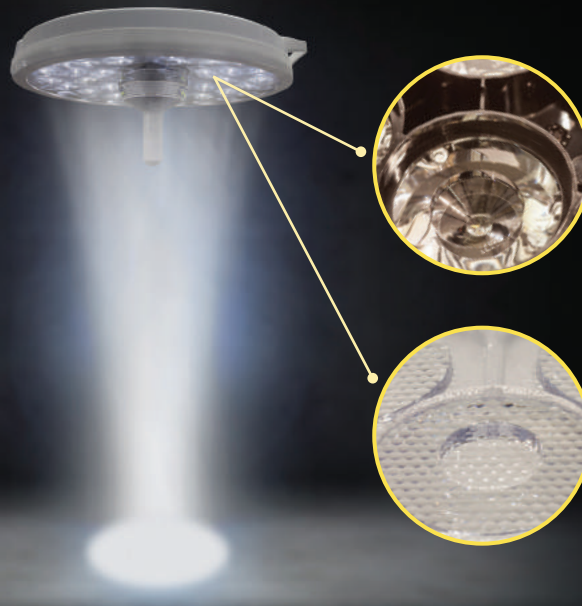
GETTING A BETTER HANDLE ON THINGS

Pressing the center button on the sterilizable handle allows 5-stage dimming plus ambient light mode (for minimally invasive procedures) for easy management of brightness within the illumination field.



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: 36
Output: 100,000 Lux @ 39.4" (1m)
CCT: 4,300° K
CRI: 97
Focal Length: 39.4" (1m)
Dimming Levels: 5
Dimming Percentages: 100%, 87%, 75%, 62%, 50%
Endo Mode: Yes
Light Field (d10): $\approx \text{Ø}8.37''$ (Ø209mm)
Light Field (d50): $\approx \text{Ø}4.9''$ (Ø124mm)
Depth of Illumination: $\approx 24''$ (610mm)
Illuminance (one mask): 27.2%
Illuminance (two masks): 37.2%
Illuminance (tube with one mask): 24.3%
Illuminance (tube with two masks): 40.3%
Irradiance: 295 W/m²

Electrical Specifications:

Supply Circuit: 100-240 VAC, 50/60Hz
Fuse Rating: 2.5 Amp/250 VAC
Power Supply power handling capacity: 100W
Light Head power consumption: 54W @ 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: 14.6 lbs (6.6 kg)
Light Head Dimensions: Ø18" (Ø457mm) 4"H (102mm)
Arm Assembly Weight: Single = 48.3 lbs (21.9 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

