

**LUCEA 50 & 100 SURGICAL LIGHTS**  
**WHEN LED TECHNOLOGY REACHES ANY O.R.**



**LUCEA 50 & 100 surgical lights** have been developed in order to provide any operating room with LED technology. Their innovative design combined with a functional shape offers an efficient product to the surgical staff. To fulfill the needs of all users, LUCEA 50 & 100 are available in mobile, wall and

ceiling-mounted versions as well as a battery operated version. Designed for minor surgery, LUCEA 50 & 100 provide high quality illumination through LED technology without any compromises on the major enhancements offered by MAQUET surgical lights.

# LUCEA 50 & 100 SURGICAL LIGHTS

## WHEN LED TECHNOLOGY REACHES ANY O.R.



### Flux Stability Program included in all lightheads:

- Unique control of LED light flux.
- Dynamic control of illumination providing constant lighting throughout the procedure.



### Control illumination with your fingertips:

- The capacitive control of the light intensity on the lighthead enables the user to adapt the light output to his needs without any risk of moving the light.
- Surgical assistants can control light units remotely from anywhere in an operating room, using an infrared remote control to adjust lighting to the surgeon's needs.



### Total concentration on the surgical procedure:

- Less visual fatigue for the surgeon thanks to a smart design using overlapping beam technology.
- No aggressive spot light in the middle of the light patch.
- The focusing system ensures a uniform and concentrated light patch even when the lighthead is positioned far from the surgical field.
- No drift once the lighthead is positioned with the ERGODISC balancing system.



### Minor surgery lighthead equipped with multimedia technology:

- All LUCEA 100 lightheads are prewired: ready to convey video signals for future upgrades in SD quality.
- Allow teaching and learning even for minor surgery applications.

	LUCEA 50	LUCEA 100
Illumination at 1 m / 39.4 inches (lx)	50,000	100,000
Field diameter 1 m / 39.4 inches (cm / inches)	23 / 9	23 / 9
D50 / D10	0.55	0.55
Depth of Illumination at 20% (cm / inches)	180 / 70.9	110 / 43.3
Depth of Illumination at 60% (cm / inches)	120 / 47.2	60 / 23.6
Color temperature (K)	4,300	4,300
Color Rendering Index (CRI) (Ra)	95	95
Radiant energy (mW/m <sup>2</sup> .lx)	3.9	3.9

CAMERA DATA (only on LUCEA 100)	
Sensor	CCD / 1/4 inch
Lens (zoom range)	10 x motorized zoom
Definition	768 x 576
Image rotation	2 positions
Location of camera	Inside the lighthead
Video output	Composite

MAQUET is a registered trademark of MAQUET GmbH • © MAQUET SAS, Ardon • Printed in USA • 01/13 • CAUTION: Federal (US) law restricts this device to sale by or on the order of a physician. Refer to Instructions for Use for current indications, warnings, contraindications, and precautions.