



ACCESS TO MORE THAN LIGHT

Surgery can be a high-stress job with long hours and poor lighting can slow surgical progress. Each surgeon's visualisation needs are different and each step of a procedure can require different colour temperatures for improved tissue recognition.

Access to adjustable colour temperature

Based on a mix of a new generation of white LEDs (warm and cold) Maquet Volista* offers the possibility to choose between adjustable colour temperature (3.900, 4.200 and 4.500 K) or a fixed colour temperature (4.200 K).



Access from anywhere

All main functions can be controlled from either:

- the lighthead



- the wall



Access to design with purpose

- External handle for an effortless handling of the lighthead
- Cleaning made simple thanks to the injected underside and a smooth touch keypad. Maquet Volista has a special paint coating that is designed to reduce bacterial colonisation with disinfection



The illumination you can rely on

An electronic architecture based on High Efficient Collimators (HECOL) to optimize the useful light throughout the entire surgery.

The micro lenses integrated on the collimator homogeneously distribute the lighting inside the patient's cavity.



Access to video

Full HD wireless cameras can be mounted directly on the light head. The Quick Lock System allows cameras to be quickly and easily connected and disconnected from the light head and to be moved between surgical suites. This tool-free system minimizes the camera's setup time between procedures, and maximizes the use of cameras throughout the surgical suite.



Peace of mind

In the case of a dual configuration, if the color temperature is adjusted on one light head, the second one will be also adjusted due to synchronization.

Dimming sensitivity: With dimming following human eye sensitivity per Fechner's law, each dimming step is seen by human eyes with the same amount of light difference, in order to provide a smooth and adapted range of illumination.

Optimal visibility for minimally invasive surgery

Maquet Volista offers green ambient lighting at the centre of the light head to minimize glare on monitors during MIS. The ambient light provides enough illumination to help surgical staff to move safely in the darkened ORs.



Safe irradiance

Protect delicate patient tissues thanks to a visual assistance to manage the amount of heat induced by the illumination on the surgical wound.