



PUSHING TECHNOLOGY TO EXCELLENCE



Anti.BAC®

Sim.LED 4500

Small operating theatre light – wide field of view

Sim.LED 4500 – SMALL OR LIGHT WITH BIG PERFORMANCE

Thanks to its homogeneous light and excellent depth illumination, the Sim.LED 4500 is the perfect light for examinations and small interventions that are common in the intensive care unit or in plastic surgery. It is also unique by its low power consumption and great hygienic properties.



Sim.LED 4500

Central illumination intensity at a distance of 1 m [lx]	100,000
Dimming capability from/to [lx]	25,000 – 100,000
Color temperature [K]	4,500
Light field diameter d10 at a distance of 1 m [mm]	170
Color rendering index Ra	96
Red rendering index R9	96
Illumination depth without refocusing (L1 + L2) at 60% [mm]	1,560
Illumination depth without refocusing (L1 + L2) at 20% [mm]	1,610
Light head weight [kg]	3
Power consumption [W]	28
No. of LEDs	18
LED life time [h]	> 60,000
Approval	CE

High-end materials

Use of aluminum and safety glass.

Latest natural-white LEDs.

Aluminum light head as ideal heat sink.

Innovative LED technology: patented Sim.POD reflector for a unique light quality and a homogeneous light field.

5-year warranty for Sim.PODs.

Unique SIMEON triangle design offers a maximum light-emitting surface and an optimal depth of illumination.

Highest level of hygiene

Innovative antibacterial coating.

Anti.BAC

Safety glass for ideal hygiene.

Seamlessly closed design.

Sterile handle for trouble-free light head positioning.

Cost effectiveness

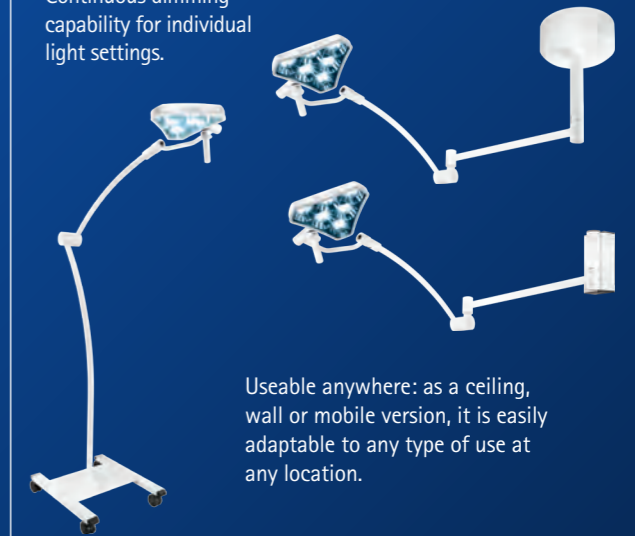
Very long life time with > 60,000 h for LEDs.

Exceptional good energy efficiency, low power consumption.

Optimal heat management.

User-friendly

Continuous dimming capability for individual light settings.



Useable anywhere: as a ceiling, wall or mobile version, it is easily adaptable to any type of use at any location.



Sim.LED 4500 mobile version also available with a unique fully cordless battery back-up system.

Intensive care

With the Sim.LED 4500, placed at the intensive care bed, small interventions can be conducted directly on site.

Plastic surgery

The Sim.LED is ideally suited for this discipline, optionally in combination with a monitor.



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