



PUSHING TECHNOLOGY TO EXCELLENCE



SIMEON MEDICAL YOUR SOLUTION PROVIDER FOR THE HOSPITAL

As a hospital solution provider, SIMEON Medical has almost 20 years of experience, 100 employees at 6 sites worldwide, great innovative capacity and invaluable know-how for medical technology solutions. Thank to our proximity to our customers and understanding of their needs, we guarantee you excellent products – made in Germany.

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Products are only available in registered countries.

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

Safety glass for ideal hygiene.

Seamlessly closed design.

Sterile handle for trouble-free light head positioning.

Cost effectiveness

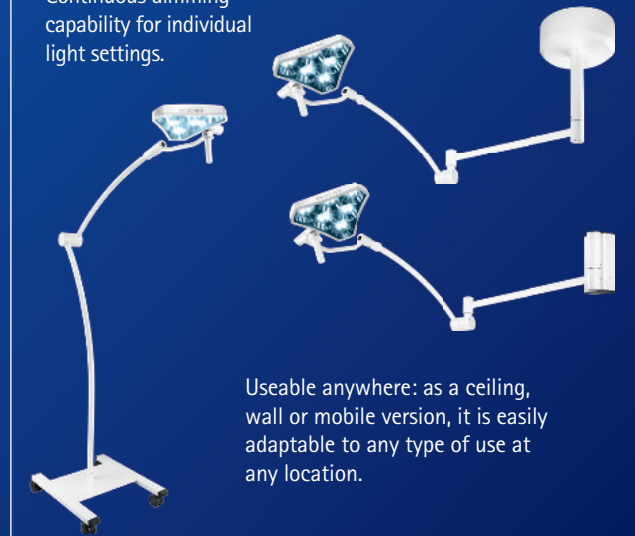
Very long life time with > 60,000 h for LEDs.

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.