



PUSHING TECHNOLOGY TO EXCELLENCE



Sim.LED Examination Lights

Another Dimension of Light

REVOLUTIONARY DESIGN

The SIMEON triangle design offers the maximum light emitting surface.

Seamlessly closed design meets the highest hygienic demands.

Light head made of light aluminum allows for fast and steady maneuverability.



The latest LED technology also for the examination field

Challenging tasks demand more than conventional solutions. With the innovative Sim.LED family of examination lights, you benefit from all the advantages of the most modern LED technology:

The latest natural-white LEDs,

Patented reflector technology and

The arrangement of the LEDs in a unique design with seamlessly closed construction.

As a technological leader in the area of LEDs for the operating room, SIMEON has applied its extensive know-how to the examination lights. The result: The new Sim.LED family of our examination lights combines the highest performance values and the best features, together with cost-effective attractiveness. These lights also set new benchmarks in terms of energy consumption and hygienic properties. Thus, they ensure that the best examination lights are always available to you.

Patented reflector technology

Sim.POD: three high-performance LEDs of the latest generation in the center of an aluminum-coated reflector. Optimal illumination: homogeneous light field and easy maneuverability.

Maximum energy efficiency and optimal heat management: Ideal light yield with a small number of LEDs, optimum heat dissipation thanks to aluminum LED carriers.



5-year warranty for Sim.PODs

Sim.LED 3500+

THE MODERN EXAMINATION LIGHT

The Sim.LED 3500+ provides you operating room light quality and an optimal light-emitting surface for examinations. Its six Sim.PODs produce a large-area homogenous light field. The innovative triangle design lends this modern light an especially attractive appearance. Its low weight makes it easy to move.

Maximum light-emitting surface and great visibility thanks to an optimized depth illumination.

Seamlessly closed design meets the highest hygienic demands.

Continuously variable dimming.



Sim.LED 3500+

Central illumination intensity at a distance of 1m [lx]	60,000
Dimming capability from/to [lx]	25,000 – 60,000
Color temperature [K]	4,500
Light field diameter d_{10} at a distance of 1m [mm]	170
Color rendering index Ra	96
Red rendering index R9	96
Power consumption [W]	15
No. of LEDs	18
LED life time [h]	> 60,000
Approval	CE

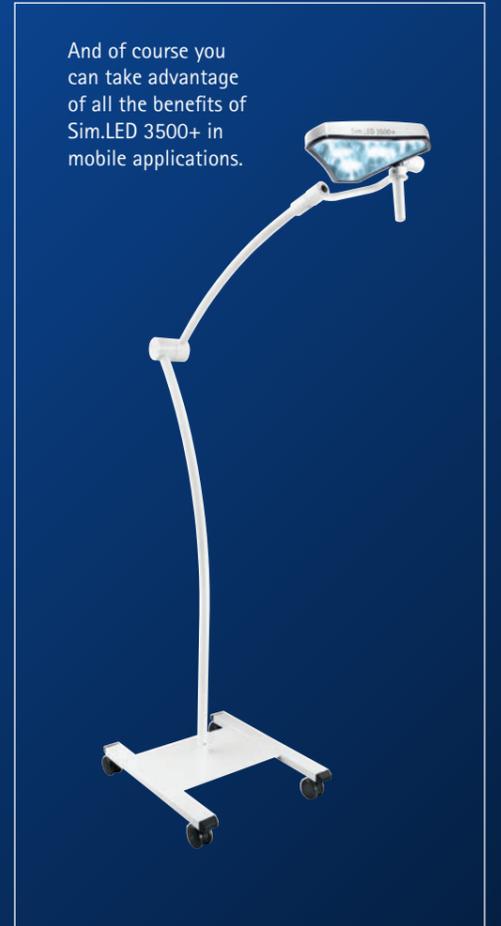
Tolerance $\pm 10\%$; technical specifications are subject to change



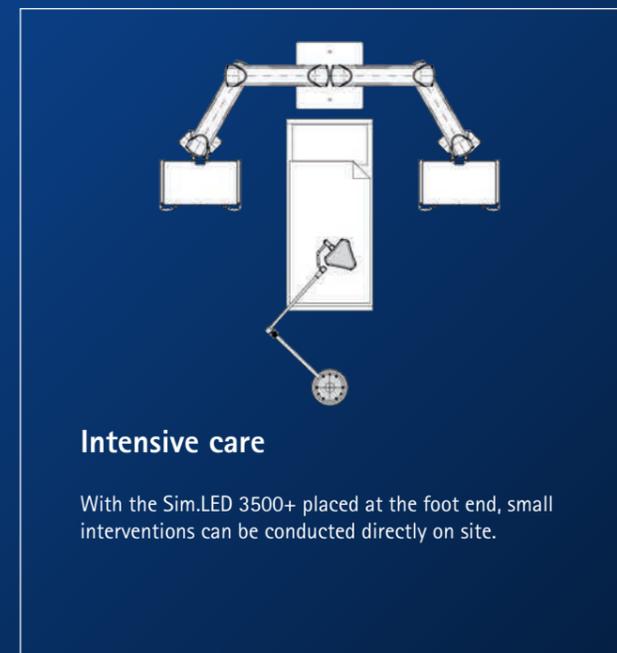
Sim.LED 3500+ with ceiling mount.



Sim.LED 3500+ with wall mount.

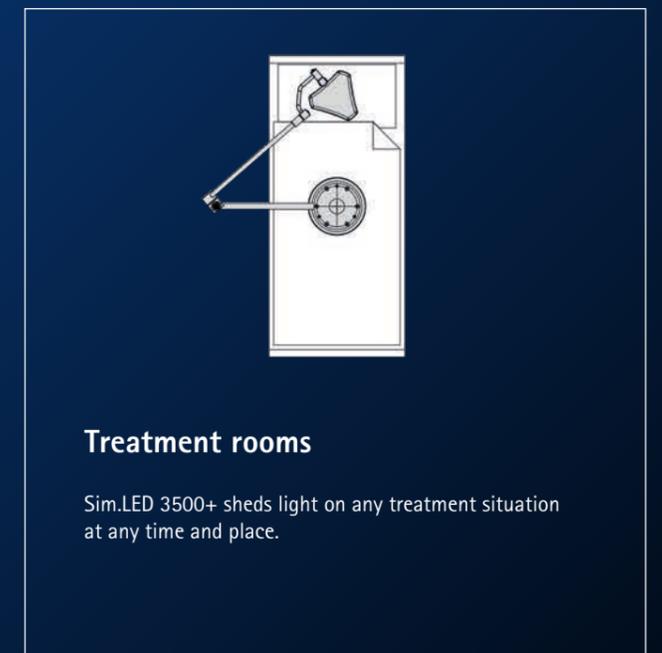


And of course you can take advantage of all the benefits of Sim.LED 3500+ in mobile applications.



Intensive care

With the Sim.LED 3500+ placed at the foot end, small interventions can be conducted directly on site.



Treatment rooms

Sim.LED 3500+ sheds light on any treatment situation at any time and place.

Sim.LED 350

EFFICIENT AND FLEXIBLE IN PRACTICE

The Sim.LED 350 ensures operating room light quality and optimum light yield with its three geometrically arranged reflectors in a triangle design. Here too, the triangle design results in a modern, innovative look that fits in anywhere.

Optimized visibility thanks to a great depth illumination.

Seamlessly closed design meets the highest hygienic demands.

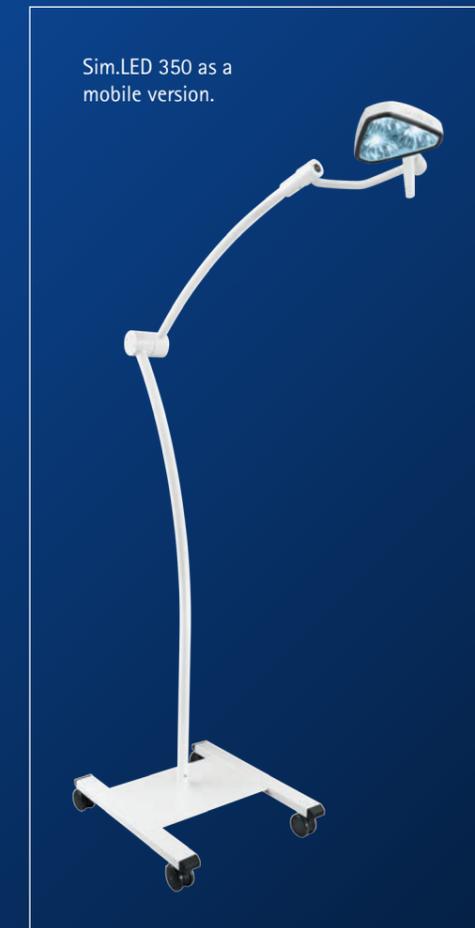
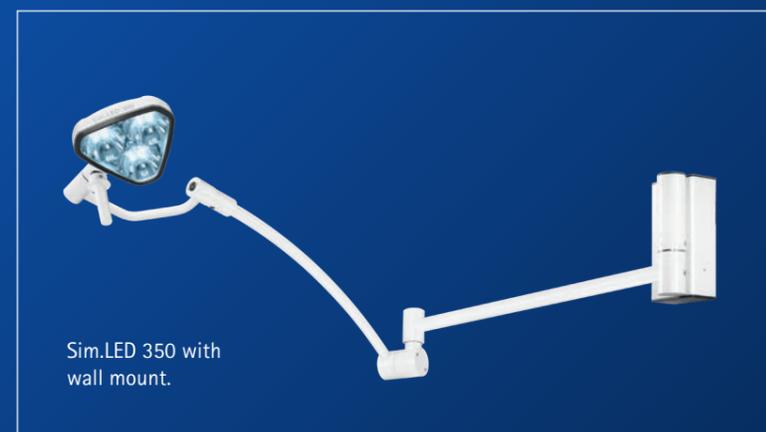
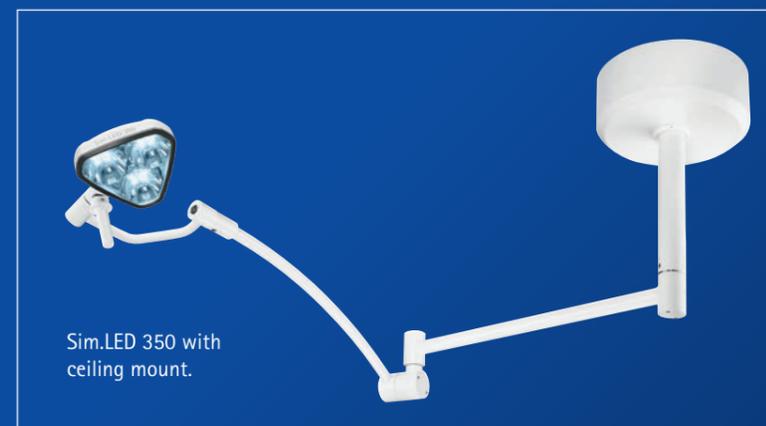
Light head made of aluminum allows for fast and steady maneuverability.



Sim.LED 350

Central illumination intensity at a distance of 1m [lx]	60,000
Dimming capability from/to [lx]	30,000 – 60,000
Color temperature [K]	4,500
Light field diameter d_{10} at a distance of 1m [mm]	170
Color rendering index Ra	96
Red rendering index R9	96
Power consumption [W]	25
No. of LEDs	9
LED life time [h]	> 60,000
Approval	CE

Tolerance $\pm 10\%$; technical specifications are subject to change



Sim.LED 250

REDUCED TO THE OPTIMUM



Double-joint arm as ceiling mounted version

The Sim.LED 250, with one Sim.POD and a total of 3 LEDs, is the ideal light for your individual examination needs since it offers an optimal light yield. Thanks to its flexibility and optimal downsizing, the Sim.LED 250 fits well with every type of use, in every place of operation.

Seamlessly closed design meets the highest hygienic demands.

Light head made of aluminum enables a quick and smooth positioning.

Sim.LED 250	Sim.LED 250 (at a 0.5 m distance)	Sim.LED 250 (at a 1.0 m distance)
Central illumination [lx]	70,000	30,000
Color temperature [K]	4,500	4,500
Light field diameter d_{10} [mm]	110	165
Color rendering index Ra	> 93	> 93
Power consumption [W]	15	15
No. of LEDs	3	3
LED life time [h]	> 60,000	> 60,000
Approval	CE	CE

FLEXIBLE AND MOBILE

Thanks to the variable mounting system, you can mount your Sim.LED examination lights at the ceiling or at the wall or use it as a mobile version. With Sim.LED your technology will always be state-of-the-art.

Single-joint arm.



Flex arm.



Flex arm mounted at a standard rail (e.g. of the ceiling supply unit).



Double-joint arm as wall mounted version.



Double-joint arm as mobile version.



Single-joint arm as mobile version (also available with a height-adjustable mobile stand).



Flex arm as mobile version (also available with a height-adjustable mobile stand).

SIMEON MEDICAL YOUR HOSPITAL SOLUTION PROVIDER

SIMEON Medical, the hospital solution provider offers a wide product portfolio for the operating room as well as for other major areas of the hospital. From surgical lights and examination lights to camera- and videosystems, to the operating table and all the way to ceiling supply units – everything from a single provider and always focusing on user-friendly application on site.



Anti.BAC

OR Lights – SIMEON HighLine
Excellent light performance.



OR Lights – SIMEON BusinessLine
Great Light. Great Value.



Ceiling Pendants – Sim.CARRY
The all-rounder of ceiling supply units.



Camera- & Videosystems
Sim.CAM 4K Wireless
More Details. Better Visualization.
Sim.CAM HD and HD Wireless
More Details. Great Flexibility.
Sim.SCREEN
Monitor holder for smooth and easy use.
Streaming and Recording devices
Top quality telemedicine.
Sim.VID
Mobile visualization of medical images



Mobile Operating Table – Sim.MOVE 800
Business-Class with high-end characteristics.



Minor Surgical Light – Sim.LED 4500
Small operating theatre light – wide field of view.



SIMEON Mobile lights, optionally with battery back-up
The mobile lights are available with unique battery back-up and without battery.



Examination Lights – Another dimension of light
Sim.LED 3500+
The modern examination light.
Sim.LED 350
Efficient and flexible in practice.
Sim.LED 250
Reduced to the optimum.

WE OFFER EXCELLENCE FOR YOUR HOSPITAL

As a hospital solution provider, SIMEON Medical has more than 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.



Innovative solutions

For SIMEON, innovation means adding value to the customer. SIMEON's products provide a great deal of flexibility, and our numerous patents are testament to their exceptional level of technical innovation; these qualities have helped SIMEON become a key company in medical technology.



Diversification

SIMEON has continuously been developing new and innovative products since its foundation, always in line with SIMEON's philosophy as a solution provider for the hospital with focus on the OR.



Global

As an internationally operating company, we sell in more than 90 countries worldwide, supported by our 6 regional sales offices.



Made in Germany

We operate on a global level – without forgetting our roots.

PUSHING TECHNOLOGY TO EXCELLENCE

In recent years, we have developed to become one of the world's leading producers of hospital solutions. We operate and produce according to our philosophy "Pushing Technology to Excellence" at all times. Our work is based on three pillars: innovation, global footprint and German-made quality.

What "Pushing Technology to Excellence" means to us:



01

Doing things right the first time



02

Providing solutions which offer significant customer benefits



03

Being a reliable business partner



04

Using resources sustainably

CONSISTENTLY TOP-NOTCH PRODUCT QUALITY

We make no compromise in the quality of our products. We produce with cutting-edge manufacturing technologies, primarily work with local and certified suppliers and exclusively use high-grade materials. We achieve and maintain our high quality standards through continuous process monitoring and improvement as well as our seamless quality management.

AN OVERVIEW OF OUR SERVICES:

01

ISO 13485:2016:
Current certification of our Quality Management System for medical device manufacturers

02

MDSAP:
Current certification of our Quality Management System in accordance with the requirements of the EU, USA, Japan, Brazil and Canada

03

ISO 14001:
Current certification of our Environmental Management System

04

UL audited: Quarterly verification of our products by UL

05

FDA: Registration at the Food and Drug Administration (FDA)

06

Known consignor: Entitlement to secure airfreight

THE FUTURE OF OUR ENVIRONMENT AT A GLANCE

Our environment is near and dear to our hearts! So we do everything we can to secure its future. Environmental protection is one of our primary company goals. We focus on sustainable growth and a resource-conserving company policy. That way, we contribute to a healthy future worth living in.

Environmental protection at SIMEON Medical – an overview:

We save energy through the use of photovoltaic systems.

We heat and cool using geothermal boreholes and use the heat from our compressors for heat recovery.

We make our products out of high grade recyclable materials such as glass and aluminum instead of plastic. This makes our products exceptionally durable as a result.

We recycle the shavings which accumulate in production and package our products with recyclable materials whenever possible.

We are certified according to ISO 14001 for our Environmental Management System.



SIMEON MEDICAL YOUR SOLUTION PROVIDER FOR THE HOSPITAL



PUSHING TECHNOLOGY TO EXCELLENCE

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