SIMEON MEDICAL
YOUR SOLUTION PROVIDER FOR THE HOSPITAL

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

Sim.LED Examination Lights
Another Dimension of Light

SIMEON MEDICAL GmbH & Co. KG
In Grubenacker 18
78532 Tuttlingen
Phone: +49 (0) 7461/90068 - 0
Fax: +49 (0) 7461/90068 - 900
www.simeonmedical.com
info@simeonmedical.com

Products are only available in registered countries.
Excellent Light Performance

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.


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+

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central illumination intensity at a distance of 1m [lx]</td>
<td>60,000</td>
</tr>
<tr>
<td>Dimming capability from/to [lx]</td>
<td>25,000 – 60,000</td>
</tr>
<tr>
<td>Color temperature [K]</td>
<td>4,500</td>
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<tr>
<td>Light field diameter d, at a distance of 1m [mm]</td>
<td>170</td>
</tr>
<tr>
<td>Color rendering index Ra</td>
<td>96</td>
</tr>
<tr>
<td>Red rendering index R9</td>
<td>96</td>
</tr>
<tr>
<td>Power consumption [W]</td>
<td>15</td>
</tr>
<tr>
<td>No. of LEDs</td>
<td>18</td>
</tr>
<tr>
<td>LED life time [h]</td>
<td>&gt; 60,000</td>
</tr>
<tr>
<td>Approval</td>
<td>CE</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central illumination intensity at a distance of 1m [lx]</td>
<td>60,000</td>
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<tr>
<td>Dimming capability from/to [lx]</td>
<td>30,000 – 60,000</td>
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<tr>
<td>Color temperature [K]</td>
<td>4,500</td>
</tr>
<tr>
<td>Light field diameter $d_m$ at a distance of 1m [mm]</td>
<td>170</td>
</tr>
<tr>
<td>Color rendering index Ra</td>
<td>96</td>
</tr>
<tr>
<td>Red rendering index R9</td>
<td>96</td>
</tr>
<tr>
<td>Power consumption [W]</td>
<td>25</td>
</tr>
<tr>
<td>No. of LEDs</td>
<td>9</td>
</tr>
<tr>
<td>LED life time [h]</td>
<td>&gt; 60,000</td>
</tr>
<tr>
<td>Approval</td>
<td>CE</td>
</tr>
</tbody>
</table>

Tolerance ±10%; technical specifications are subject to change.

Sim.LED 350 as a mobile version.

Sim.LED 350 with ceiling mount.

Sim.LED 350 with wall mount.

Treatment rooms

Sim.LED 350 sheds light on any treatment situation at any time and place.
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**

**REDUCED TO THE OPTIMUM**

<table>
<thead>
<tr>
<th>Sim.LED 250</th>
<th>Sim.LED 250 (at a 0.5 m distance)</th>
<th>Sim.LED 250 (at a 1.0 m distance)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central illumination [lx]</td>
<td>70,000</td>
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<tr>
<td>Color temperature [K]</td>
<td>4,500</td>
<td>4,500</td>
</tr>
<tr>
<td>Light field diameter d [mm]</td>
<td>110</td>
<td>165</td>
</tr>
<tr>
<td>Color rendering index Ra</td>
<td>&gt; 93</td>
<td>&gt; 93</td>
</tr>
<tr>
<td>Power consumption [W]</td>
<td>15</td>
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<tr>
<td>LED life time [h]</td>
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</tr>
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**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.
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.
WE OFFER EXCELLENCE FOR YOUR 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.

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

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.

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

For SIMEON, Global Made in Germany means an international presence supported by an on-site, SIMEON-managed infrastructure.

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.

Providing solutions which offer significant customer benefits

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.

Doing things right the first time

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Being a reliable business partner

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Using resources sustainably

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.
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.

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.

Environmental protection at SIMEON Medical – an overview:

- We save energy through the use of photovoltaic systems.
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