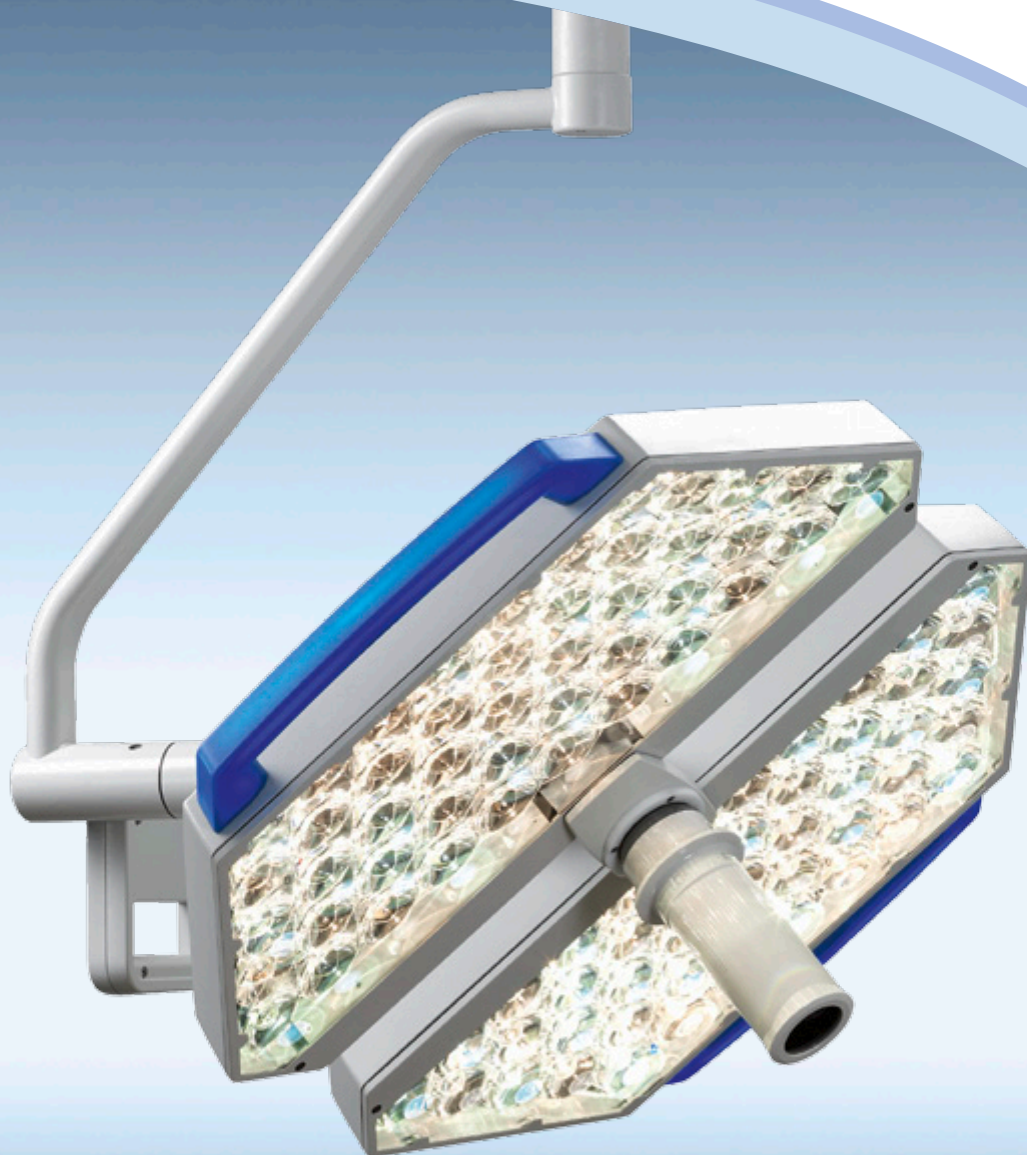


TruLight 5000

Light for all occasions



Enhancing outcomes for
patients and their caregivers:

Hill-Rom

The future requires versatility

The desire to set new standards with innovative solutions is the guiding force behind product development at Trumpf Medical. The latest OR lighting generation, TruLight 5000, is a result of this approach. Combining adaptability with efficiency, TruLight 5000 provides you with the ease of use and the investment security that you require to future-proof your hospital.



Your advantages at a glance:

Individual adjustment

Adaptable color temperature and pattern size – to meet every surgical procedure

Intelligent versatility

An illumination level that is automatically optimized for different work situations – thanks to ALC Plus

Ease of use

Sterile adjustment of the light intensity using capacitive sensors located at the control grip and the light head

Communication

Optimal communication platform – through the integration of video systems for digital transmission in HD format

Efficient technology

Low heat and extremely high light output due to the special lens/LED combination

Environmental compatibility

Low power consumption – thanks to a durable LED light system that does not contain any heavy metals



Find out more online at
www.trumpfmedical.com/en/trulight5000

Individual adjustment

Every generation has an edge over the previous one. Similarly, in the case of the TruLight 5000, proven functionality meets technological advancements that have significant impact on the quality of work in the OR. Equipped with adjustable color temperature and pattern size adjustment, TruLight 5000 offers an exceptional performance range that benefits you during daily use.



Improved contrast

With a color rendering index of up to Ra 96, the variable color temperature adjustment ensures higher contrasts even in the most varied tissue ranges

High intensity

Innovative energy management and the adaptation of the pattern size to the wound area dimension ensure optimal visual conditions in the surgical site, making it ideal for long operations



High security of investment

The TruLight 5000 architecture makes it easy to adjust the color temperature at any time

Contrast optimization due to color temperature adjustment of 3,500 to 5,000 K

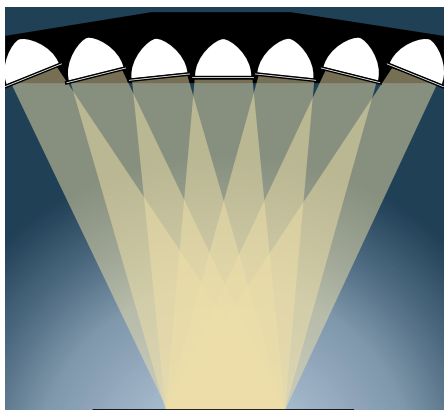


Benefits

Improved ergonomics due to individual contrast optimization and a high level of investment security for the future

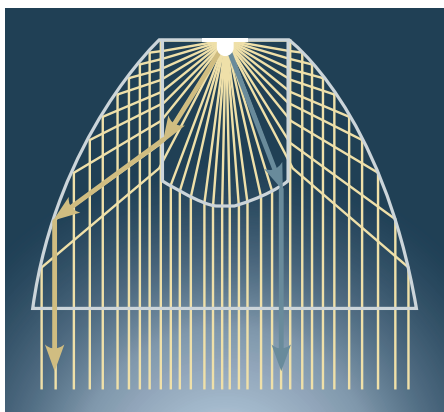
Perfect cooperation

The optics of the TruLight 5000 light system are based on the most precise research and long-term experience. The result is a highly developed LED multi-lens matrix. Its special lens geometry and arrangement of the LED elements in the light head result in excellent light quality and maximum efficiency.



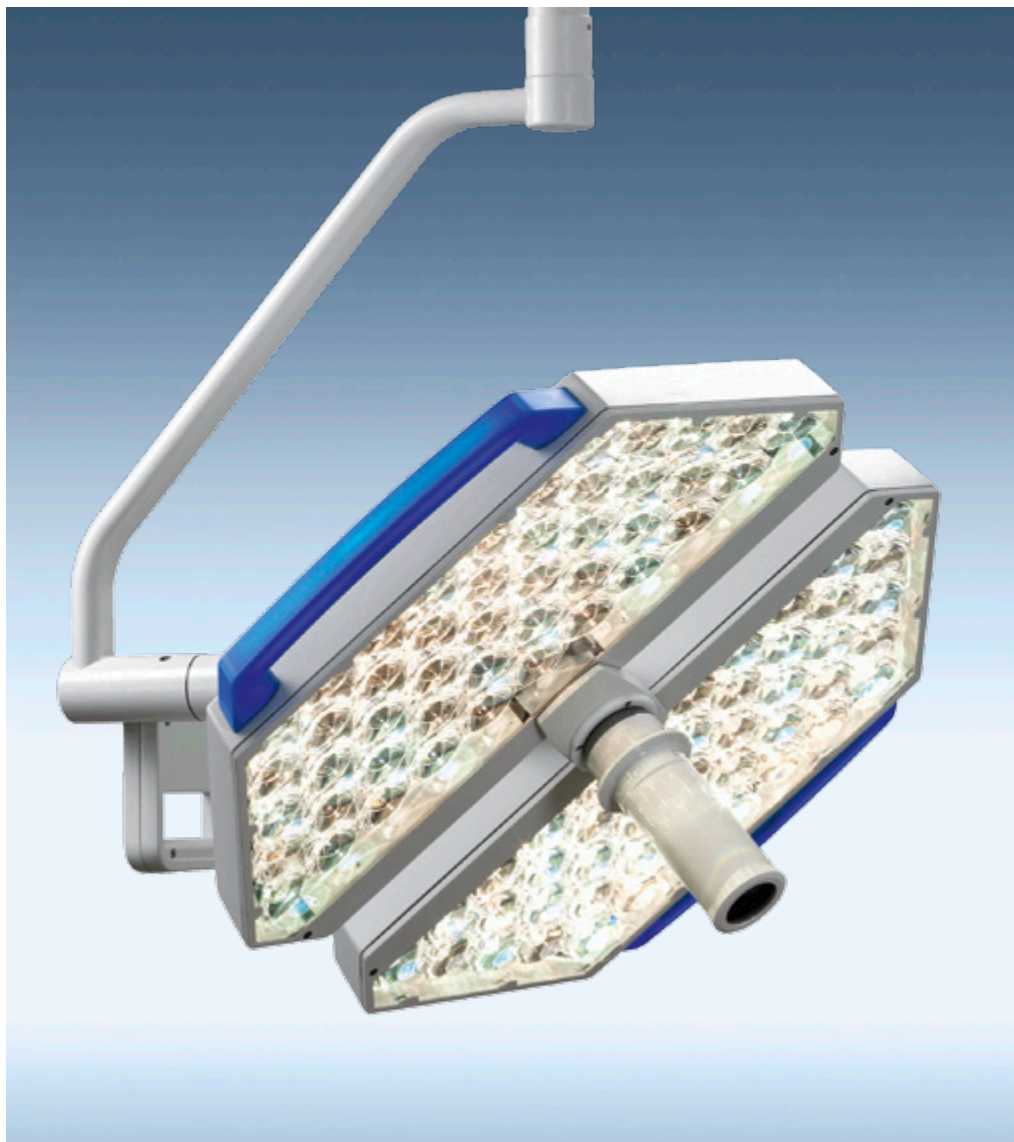
Bundled light power

The arrangement of the LEDs in the TruLight 5000 ensures a homogeneous light-emitting surface, and enables almost shadow-free conditions.



Best yield

Due to the complete casing of the LEDs within Trumpf Medical's specific convergence lenses, the light of each individual LED is completely captured and used precisely. This allows for the use only 65 watts of power to achieve 160,000 lux of illumination.



Your advantage

More power and efficiency for a homogeneous light distribution on the surface and depth

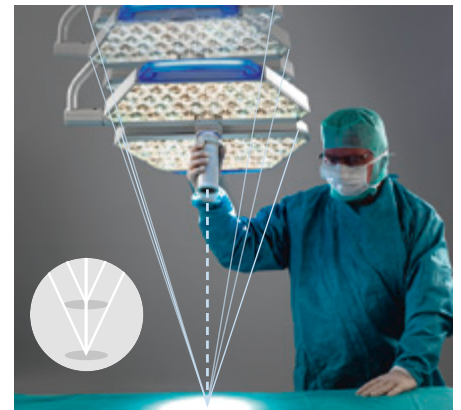
Unique in comfort

Ergonomics are critical to clinical staff. TruLight 5000 meets this demand with a wide range of intelligent features, creating more time for what is important – the patient.



Your advantage

Comfortable operation and maximum illumination level at working distances even beyond 1 m



Fully automated

If the light head is moved, the integrated movement recognition sensor of the Adaptive Light Control Plus (ALC Plus) measures the distance to the wound area and adjusts the illumination automatically.



Easily adjustable

With the integration of capacitive sensors in the sterile hand grip of the light head, the Sterile Light Control (SLC) concept permits quick and sterile control of light intensity.



Test the two features ALC Plus and SLC at www.trumpfmedical.com/en/trulight5000

Versatile use

Models for every application

For optimal use in different clinical environments, TruLight 5000 is available in different versions and offers impressive versatility combined with investment protection.



Low-ceiling version: complete mobility in rooms with height limitation

Mobile version: for emergencies or supplemental use

Wall-mounted version: ideal for special infrastructure conditions and procedures

Sophisticated communication

TruLight 5000 systems can be equipped with our high-quality TruVidia camera and monitor solutions, which can be incorporated into the Trumpf Medical high-end video system with full HD quality.



Your advantage

Platform for high-end communication as well as flexible use in different applications

Technical data and services

An overview of the different TruLight versions

	TruLight 5500	TruLight 5510	TruLight 5520	TruLight 5300	TruLight 5310	TruLight 5320
Illumination level E _c at 1 m (lx)	160,000	160,000	160,000	140,000	140,000	140,000
Pattern size (d10) at 1 m (cm) (inch)	16/23 6.3"/9.1"	16/23 6.3"/9.1"	16/23 6.3"/9.1"	16/23 6.3"/9.1"	16/23 6.3"/9.1"	16/23 6.3"/9.1"
Pattern size change – distance variation (cm) (inch)	16 – 30 6.3" – 11.8"	16 – 30 6.3" – 11.8"	16 – 30 6.3" – 11.8"	16 – 30 6.3" – 11.8"	16 – 30 6.3" – 11.8"	16 – 30 6.3" – 11.8"
Color temperature (K) ^[1]	3,500/4,000/4,500/5,000	3,500/4,000/4,500/5,000	3,500/4,000/4,500/5,000	3,500/4,000/4,500/5,000	3,500/4,000/4,500/5,000	3,500/4,000/4,500/5,000
Color Rendering Index (Ra)	max. 96	max. 96	max. 96	max. 96	max. 96	max. 96
Color temperature adjustable at the control panel	○	○	○	○	○	○
Average service life of the LEDs (h)	> 40,000	> 40,000	> 40,000	> 40,000	> 40,000	> 40,000
Adaptive Light Control Plus (ALC Plus)	–	● ^[2]	●	–	● ^[2]	●
Sterile Light Control (SLC)	–	–	●	–	–	●
Camera preparation	–	●	–	–	●	–

● = Standard ○ = Option

^[1] Adjustable during initial installation ^[2] With installed camera module

Values are subject to a general industry tolerance of ±5%

The Trumpf Medical services: excellent support all round



Hill-Rom is a leading global medical technology company with more than 10,000 employees in over 100 countries. We partner with health care providers by focusing on patient care solutions that improve clinical and economic outcomes in five core areas: **Advancing Mobility, Wound Care and Prevention, Clinical Workflow, Surgical Safety and Efficiency, and Respiratory Health.** Hill-Rom people, programs, and product brands work towards one mission: **Every day, around the world, we enhance outcomes for our patients and their caregivers.**

Trumpf Medical, part of Hill-Rom, is distinguished by high-quality German engineering standards and offers innovative products to improve efficiency and safety in the OR, ICU, and in other clinical environments throughout the care sector. With our customers' requirements as our benchmark and innovation as the foundation of our success, Trumpf Medical delivers total solutions to fit your clinical care needs.

This document is destined solely for use by healthcare professionals. Medical devices shown in this brochure are intended for use with patients in departments of healthcare establishments.

These products are regulated health care products which, where required by applicable regulations, bear a CE mark. Hill-Rom recommends you carefully read the detailed instructions for safe and proper use included in the documentation accompanying the medical devices. The personnel of healthcare establishments are responsible for the proper use and maintenance of these medical devices.

Hill-Rom reserves the right to make changes without notice in design, specifications and models. The only warranty Hill-Rom makes is the express written warranty extended on the sale or rental of its products.

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Not all products/options are available in all countries.
For further information about our products or services, please contact your local Trumpf Medical representative or visit our webpage:

www.trumpfmedical.com

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