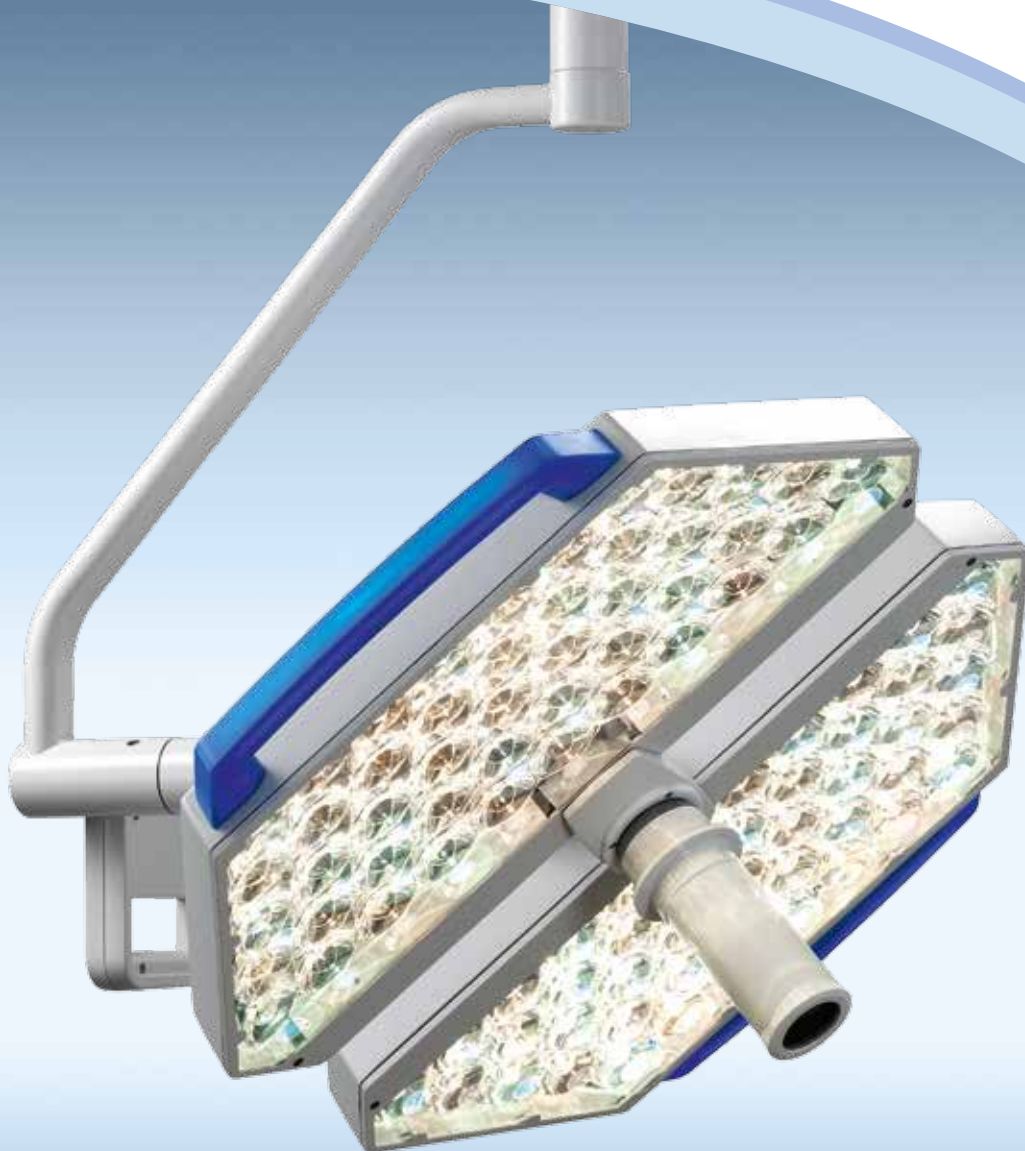


# TruLight™ 5000 Surgical Light

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, the TruLight™ 5000 Surgical Light 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](http://www.trumpfmedical.com/en/trulight5000)

# Individual adjustment

Every generation has an edge over the previous one. Similarly, in the case of the TruLight™ 5000 Surgical Light, 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, the TruLight™ 5000 Surgical Light 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

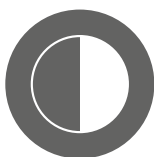
Innovative energy management and the adaptation of the pattern size to the wound area dimension ensure optimal visual conditions in the surgical site, making it ideal for long operations.



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

## High security of investment

The TruLight™ 5000 Surgical Light architecture makes it easy to adjust the color temperature at any time.

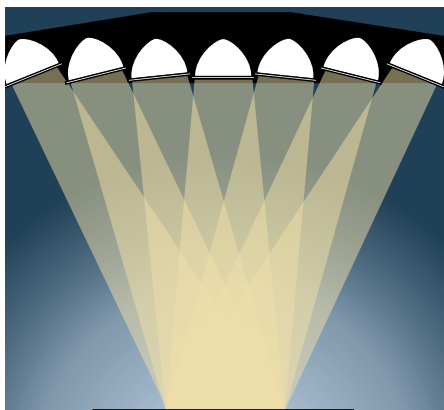


## Benefits

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

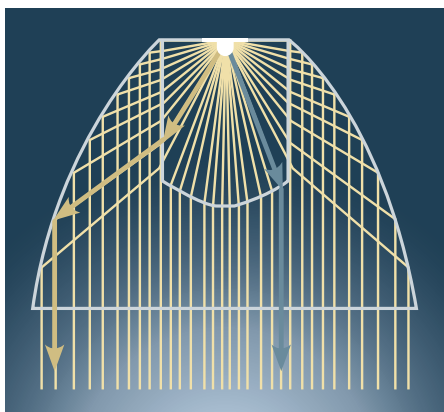
# Perfect cooperation

The optics of the TruLight™ 5000 Surgical 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 Surgical Light 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 lx 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. The TruLight™ 5000 Surgical Light 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](http://www.trumpfmedical.com/en/trulight5000)

# Versatile use

## Models for every application

For optimal use in different clinical environments, the TruLight™ 5000 Surgical Light 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

The TruLight™ 5000 Surgical Light 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™ Surgical Light versions

	TruLight™ 5500	TruLight™ 5510	TruLight™ 5520	TruLight™ 5300	TruLight™ 5310	TruLight™ 5320
Illumination level E <sub>c</sub> 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) <sup>[1]</sup>	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)	> 60,000	> 60,000	> 60,000	> 60,000	> 60,000	> 60,000
Adaptive Light Control Plus (ALC Plus)	–	● <sup>[2]</sup>	●	–	● <sup>[2]</sup>	●
Sterile Light Control (SLC)	–	–	●	–	–	●
Camera preparation	–	●	–	–	●	–

● = Standard ○ = Option

<sup>[1]</sup> Adjustable during initial installation <sup>[2]</sup> With installed camera module

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

## The Trumpf Medical™ services: excellent support all round



For more information, visit  
[www.trumpfmedical.com/en/services](http://www.trumpfmedical.com/en/services)

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.

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[www.trumpfmedical.com](http://www.trumpfmedical.com)

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