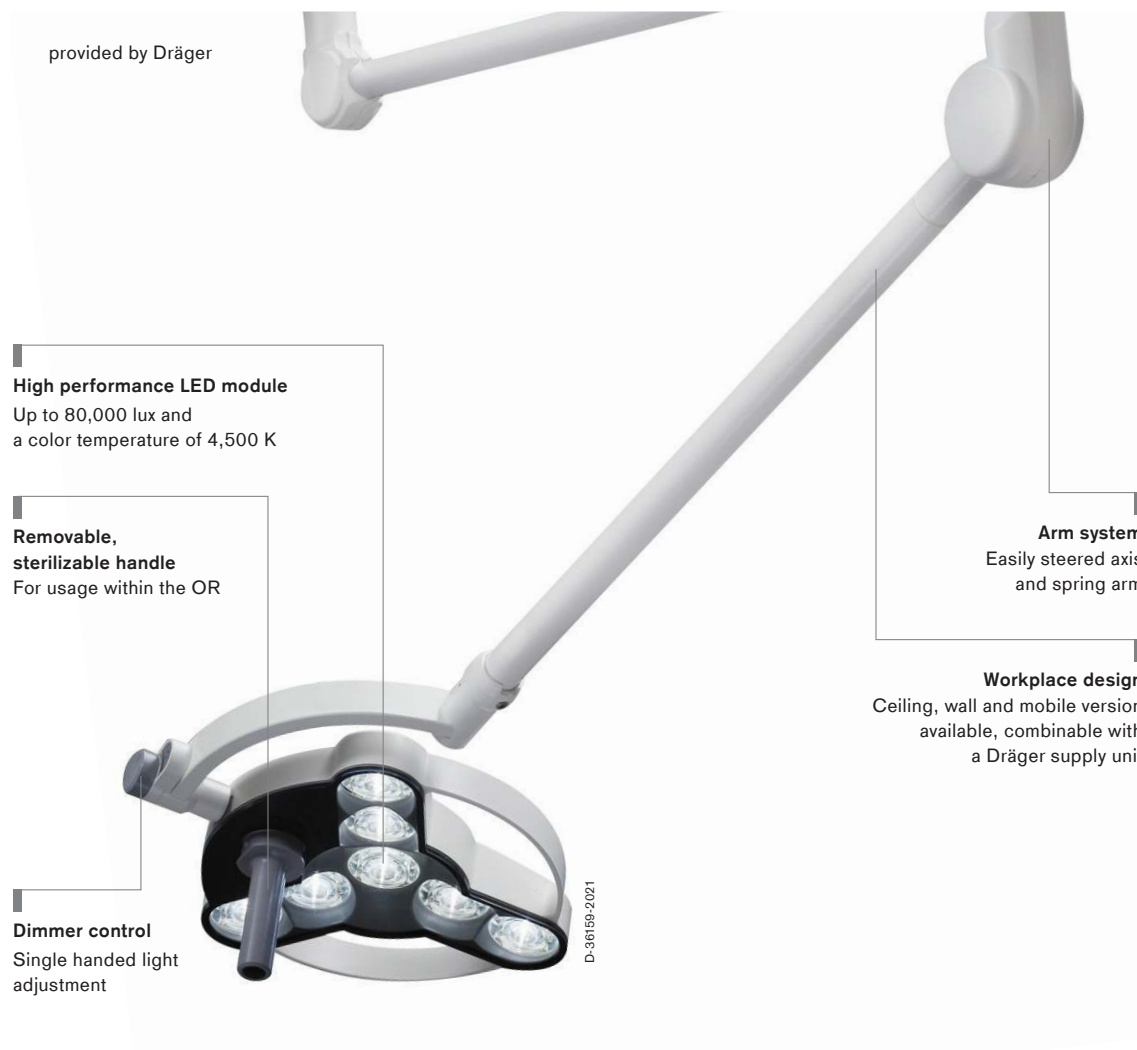


Polaris® 50 Medical Lights and Videosystems

The Polaris® 50 is ideal for everyday hospital life, which is becoming more and more challenging. Whether it is in the examination room, in intensive care or in the OR-induction room – the Polaris® 50 always provides high-contrast, colour-stable light. In addition, the treatment light is flexible to handle and easy to use so that you can make the right decisions more quickly.



Benefits

Main benefits

The Polaris® 50 meets the highest requirements for high-quality lighting in medical locations. LEDs of the newest generation generate a light intensity of up to 80,000 lux. With a colour temperature of 4,500 K in the neutral white range, the Polaris® 50 gives you a true-color view of the treatment area. The colour rendering index of Ra = 95 and R9 = 90 also guarantees high visibility of details. Colour nuances in the illuminated tissue therefore appear natural and rich in contrast so that you can easily focus on your work.

The Polaris® 50 is a powerful solution for everyday use. Thanks to its low maintenance requirements and high reliability, the light system guarantees many years of operation at minimal costs. For example: The LEDs reduce the heat intensity at the light head and thus increase its efficiency. They consume only a fraction of the energy compared to conventional halogen bulbs. The installed high-performance LEDs have a service life of up to 50,000 hours, enabling significant cost reductions.

“Versatile in its function and area of application” – this is the motto of the Polaris® 50 minor surgical light. You decide where and how you want to use the light: as a stand-alone ceiling, wall or mobile version or in combination with Dräger supply units at a central mounting. The numerous combination options enable you to save space and design workplaces from the treatment room via the OR to the intensive care unit exactly for their specific purpose.

Arm System

The Polaris® 50 arm system – consisting of axis and spring arm – enables you to position the light anywhere you want. In addition, three joints of the Polaris® 50 can be rotated a full 360°. This gives you freedom of movement and saves time. Thanks to its sophisticated mechanical system, the light can be easily operated or adjusted with one hand.

Two adaptation options are available for different space requirements: the ceiling tube, which can be individually shortened, and an optional suspended ceiling adapter for installation on suspended ceilings.

Functional Design

The functional design of the Polaris® 50 convinces with its compact form and robust components. It enables quick and efficient cleaning. The handle can be removed and sterilised. Individual components and the LED module itself can be professionally serviced by a Dräger service technician if required. The light intensity is continuously adjustable via a dimming wheel which can be easily operated with one hand without accidentally changing the position of the light.

Workplace Design

The best light is useless if it is not where you need it. For this reason, the Dräger Polaris® 50 system is extremely flexible and can be mounted almost anywhere – as a stand-alone version on ceilings and walls (e.g. in treatment rooms) and suspended in combination with Dräger supply units (e.g. in the recovery room). Combination with a display (e.g. for emergency rooms) is also possible.

Benefits

In addition, installing the Polaris® 50 on a three-arm mounting system enables you to make the most of confined spaces (e.g. in the intensive care unit). The Polaris® 50 is also available as a mobile version that can be used as an additional treatment light in general rooms, the OR section or operating rooms. The trolley of the mobile light is equipped with practical locking brakes and hooks for the power cable.

Related Products

MT-5977-2008



Agila® Systems

The Dräger Agila® product range features a wide range of compact and highly ergonomic configurations and takes up a minimum of precious space in the care environment.

D-5914-2017



Movita® systems

The Movita® ceiling supply unit has an especially high load capacity and a wide range of configurations to choose from, so it offers virtually unlimited horizontal and vertical positioning options for your OR workstation.

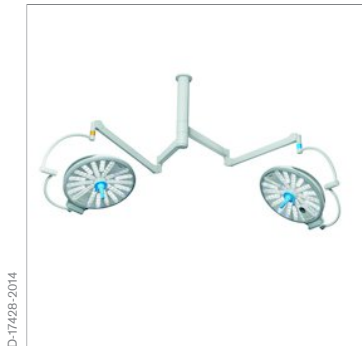
Related Products



D-5962-2017

Polaris® 100/200

In the operating room, the right illumination is essential for success. The Polaris® 100/200 surgical illumination systems provide cool light with natural colours and rich-contrast for thousands of hours of carefree operation without straining on your hospital's budget.



D-17428-2014

Dräger Polaris® 600

Our OR light is state of the art: The Dräger Polaris® 600 makes your working day a lot easier – with intuitive controls and versatile configuration options. The future-proof system concept remains true to the philosophy of the product family providing you with simply good light.

Technical Data

Illumination intensity (1 m distance)	80,000 lux
Brightness adjustment	Continuous, 20 – 100 %
Light field diameter d10 (1 m distance)	18 cm
Light field diameter d50 (1 m distance)	10 cm
Colour temperature	4,500 K
Colour rendering index Ra	95
Colour rendering index R9	90
Depth of illumination L1+L2	240 cm
Power supply	100 – 240 V (AC)
Frequency	50 – 60 Hz
Power consumption	32 W (max. 80 VA)
Number of LEDs	7 LEDs
Service life of the LEDs	50,000 h
Max. total illumination intensity	320 W/m ²
Classification	Protection class I
Degree of protection	IP20, IP43
Light head diameter	33 cm
Total weight of light and axis system:	
Polaris® 50 Ceiling	14 kg
Polaris® 50 Wall	13.5 kg
Polaris® 50 Mobile	20 kg
Polaris® 50 Supply Unit	10 kg
Accessories	Sterilisable handle Suspended ceiling adapter

Notes

Not all products, features, or services are for sale in all countries.
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