

Polaris® 50 LED examination light

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



The Polaris 50 provides high-quality lighting in medical environments. The newest generation of LEDs generate a light intensity of up to 55,000 lux. With a color temperature of 4,500 K in the neutral white range, the Polaris gives you a color-true view of the treatment area. The color rendering index of Ra = 95 also ensures high visibility of details. Color 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 provides many years of operation at minimal costs.

The LEDs consume only a fraction of the energy consumed by conventional halogen bulbs. The high-performance LEDs have a service life of up to 30,000 hours, enabling significant cost reductions.

WORKPLACE DESIGN

Versatile in its function and area of application you can decide where to use the Polaris 50: as a standalone ceiling, wall or mobile version or in combination with other Dräger supply units. The numerous combination options enable you to save space and

design workspaces from the treatment room to the intensive care unit to meet your specific needs. The Polaris 50 is also available as a mobile version. The trolley of the mobile light is equipped with locking brakes and hooks for the power cable.

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.

LED MODULE

With its compact form and robust components, the Polaris 50 has a very functional design. 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.

Removable handles enable quick and efficient sterilization. Individual components and the LED module itself can be professionally serviced by a Dräger service technician if required.



D-82304-2013

Polaris 50 Ceiling



D-82301-2013

Polaris 50 Wall



D-82303-2013

Polaris 50 Mobile

TECHNICAL DATA*

Illumination intensity 3.3 ft (1 m distance)	55,000 lux
Brightness adjustment	Continuous, 20 – 100 %
Light field diameter d10 at 1.0 m	6.3 in (16 cm)
Light field diameter d50 at 1.0 m	3.3 in (8.5 cm)
Color temperature	4,500 K
Color rendering index Ra	95
Power consumption	30 W (42-52 VA)
Bulbs	7 LEDs
Bulb life time	30,000 hours
Protection class	IP43
Light head diameter	13 in (33 cm)
Total weight of light and axis system:	
Polaris 50 Ceiling	28.7 lb (13 kg)
Polaris 50 Wall	28.7 lb (13 kg)
Polaris 50 Mobile	44 lb (20 kg)
Polaris 50 CSU	22 lb (10 kg)
Accessories	Sterilizable handle Suspended ceiling adapter

* Light-technical values are subject to a -10 % / +20 % tolerance

CORPORATE HEADQUARTERS

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Manufacturer:

Derungs Licht AG
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The quality management system of
Derungs is certified according to ISO 9001.

The product has been assessed in
accordance with Annex VII of
Directive 93/42/EEC.