

plusLED 56 ECO

Operating lamp plusLED 56 ECO:

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- illuminance 130,000 lx at a distance of 1 meter
- lighting intensity adjustment in the range of 25,000 - 130,000 lux
- adjustable colour temperature
- operating field diameter 160-280 mm
- depth of illumination 1000 mm
- power consumption 60 W
- **membrane type control panel**



The lamp is available in a mobile configuration, a mobile with a battery, a single wall and ceiling configuration, and as a combination of two or three domes. The combination of domes can consist of plusLED 56 ECO or plusLED 56 ECO and plusLED 96 ECO. It is possible to mount an HD camera in the dome and a monitor on the third suspension arm.



Operating lamp plusLED 96 ECO / 56 ECO
Cat. No. K00321 (ECO VERSION)
Cat. No. K00521 (PLUS ECO VERSION)



plusLED 56 ECO / 56 ECO
Cat. No. K00322 (ECO VERSION)
Cat. No. K00522 (PLUS ECO VERSION)



Operating lamp plusLED 56 ECO
Cat. No. K00310 (ECO VERSION)
Cat. No. K00510 (PLUS ECO VERSION)



Operating lamp plusLED 96 ECO
Cat. No. K00300 (ECO VERSION)
Cat. No. K00500 (PLUS ECO VERSION)

Technical parameters of plusLED 96 ECO and 56 ECO and plusLED 96 PLUS ECO and 56 PLUS ECO lamps

We manufacture our lamps using double proven components. All electrical and electronic circuits in our lamps are electromagnetically compatible.

Our products meet all the requirements for first class medical devices and are CE marked. The power supply system of the lamp allows it to adapt to the existing power supply conditions at the place of installation. Lamps also work with backup / emergency power systems available in healthcare facilities.

Technical parameters	plusLED 96 ECO	plusLED 56 ECO	plusLED 96 PLUS ECO	plusLED 56 PLUS ECO
Number of LEDs	108	72	108	72
Light intensity at a distance of 1 m	160 000 lx	130 000 lx	160 000 lx	140 000 lx
Lighting intensity adjustment	25-160 klx	25-130 klx	25-160 klx	25-140 klx
The diameter of the operating field	160-320 mm	160-280 mm	160-320 mm	160-280 mm
Ra colour rendering index	96	96	96	96
R9 colour rendering index	97	97	97	97
Illumination depth	1200 mm	1000 mm	1200 mm	1000 mm
Colour temperature	3800K-4400K-5000K	3800K-4400K-5000K	3800K-4400K-5000K	3800K-4400K-5000K
AMBIENT endoscopic lighting	2-8 klx adjustable	2-8 klx adjustable	2-8 klx adjustable	2-8 klx adjustable
Control panel	membrane type	membrane type	touch TFT	touch TFT
Temperature increase in the surgeon's head	<1°C	<1°C	<1°C	<1°C
Supply voltage	230V, 50 Hz	230V, 50 Hz	230V, 50 Hz	230V, 50 Hz
Power consumption	80 W	60 W	80W	60W
IP protection class	57	57	57	57
Lifetime of LEDs	>60 000	>60 000	>60 000	>60 000