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Operating lamp LED EMALED 500 (New)

New,
German production,
One of the smallest and brightest surgical lamps in this category,
Ceiling lamp,
EMALED 500 lamps are designed for everyday use in the operating room,
The intensity of light of this model is 120,000lx with adjustable field diameter of light between 180 and 350 mm, and 70 diodes provide a shadow-free operation of the surgeon,
LEDs produce light similar to the solar spectrum approx. 4500 K,
Color index of 96 Ra, without heating the operating field with infrared and ultraviolet light,
The intensity of light is regulated in range from 10% to 100% and is done using the control panel on the lampshade or optionally on the external wireless panel,
The lamp is equipped with an optional power supply ups, which automatically sustains power from batteries for up to 4 hours without having to plug into an electrical outlet,
The latest LED technology allows a long live performance diode up to 50,000 hours, low energy consumption in surgical procedures (60W) and very low failure frequency,
Safe assembly with easy maneuvering of the bowl and the arm allows for comfortable work,
Specifications:
Diameter of the cup 65 cm,
Maximum light intensity 120,000 lx,
Color temperature 4 500 K,
Color reproduction ratio 96 Ra,
Light intensity adjustable from 10% to 100%,
Input voltage 100 - 240 V / 24 V,
Operating voltage 24V DC,
Variable focal length,
70 LEDs,
Lamp head weight 9.5 kg,
Weight of the complete system 80 kg,
Power of the lamp head 60VA,
Durability of LEDs 50,000 h,
Operating distance 70 - 140 cm,
Frequency 50 - 60 Hz,
Diameter of light field 18.5 - 35 cm,
Optional equipment (with extra charge):
Emergency power (up to 4 hours of lamp operation),
Full HD camera:
Image converter - 1/3 "type CMOS (Progressive Scan),
effective number picture elements - 4 080 000 pixels,
AE (automatic exposure mode) Automatic, Manual,
Optical zoom - 10x f = 3.3 mm (wide) to 33.0 mm (tele) F1.8 to F3.4,
Laser pointer,
Variable color temperature: 3500, 4000, 4500 K,
External wireless control panel (for double lamps),
Has a current Technical Passport displayed,
Warranty 24 months

