

CE

OLM9550 LED

Mobile Surgical Light

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Performance

OLM9550 has 70 LEDs. The layout of LEDs ensures an even and full illumination with no dim spots. The multi-lens structure delivers light spot with a diameter up to 260mm and a depth of illumination up to 1,650mm.

Quality

Detachable and sterilizable handle is made from Polysulfone, autoclavable up to 134°C.

Safety

Individual power supply and battery back-up status indication panel.

Clearness

Tunable color temperature guarantees a clearer view of the surgical site during surgical procedures. Enhanced color rendering index assists the surgeons to distinguish the different blood vessels during surgery.

Wide-range light spot makes it suitable for various size and shape incisions and also provides an effective way to reduce the glare from the area around the surgical field and prevent eye strain for surgeons.

Durability

The aluminum alloy shell of the light head provides good heat dissipation for surgical lamps which ensures the long service life of the operation light. The LEDs have a long service life up to 70,000 hours, which proves that Purelit OLM9500 is a cost-effective choice for operating rooms.

Convenience

Stable cart system with castors lock function, built-in charger adapter.



Technical Specifications

Diameter of lights (mm)	500
Illumination at 1 m (Lux)	40,000-160,000
Ambient light intensity (Lux)	≤500
Color temperature (K)	Standard: 4,500 Optional: 3,000-6,000
Light field diameter (D10, mm)	Standard: 260 Optional: 160-260
Color rendering Index (Ra)	98
Color rendering Index (R9)	98
Color rendering Index (R13)	98
Color rendering Index (R15)	98
Depth of illumination L1 + L2 (20%, mm)	1,650±25%
Depth of illumination L1 + L2 (60%, mm)	850±25%
Number of LED bulbs	70
Service life of LED bulbs(h)	≥70,000
Dimming range	10level (25%-100%)



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