

CE

OLM9550 LED

Mobile Surgical Light

 **heyer**

OLM9550 LED Mobile Surgical Light

Performance

Light head shell is made from aluminum alloy, which has outstanding heat dissipation capability, extending the life of the LED bulb and increasing the illumination efficiency.

Quality

Detachable and sterilizable handle made from PSU Polysulfone, auto-clavable up to 135°C.

Safety

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

Precise

Multi-lens structure with patented focus technology, delivering the light spot diameter up to 200mm and the light depth up to 1,400mm.

Durable

Long life expectancy LED bulb has a service life up to 70,000 hours, providing the high reliability and low power consumption, minimizing the impact on the environment.

Convenience

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



Technical Specifications

Lighthead size (mm)	500
Illumination at 1 m (Lux)	160,000
Ambient light intensity (Lux)	30
The quantity of bulbs	80
Depth of illumination (L1 + L2 at 20% Ec) (mm)	1,400
Depth of illumination (L1 + L2 at 60% Ec) (mm)	≥400
Light field diameter (d10 mm)	200
Light field diameter (d50 mm)	≥88
Color temperature (K)	4,300
Color rendering index (Ra, %)	95%
Color rendering index (R9, %)	95%
Estimated LED service life (hrs)	≥70,000
Dimming range	10 level (30%-100%)
Temperature rise in the surgical area surface (°C)	1.5
Temperature rise in the area of the surgeon's head (°C)	1



CORPORATE HEADQUATER

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