

LED500 (Petal style) Mobile Shadowless operating lamp



Technical Parameters	LED500
Illumination (Lux)	30,000-160,000Lux
Lamp Bulb Quantity	39
Bulb Type	German OSRAM LED bulb
Bulb Average Life	≥80, 000h
Color Temp (K)	3700K ~5000K
Color Rendering Index (CRI)	85~98
Illumination Depth(mm)	50-180cm
Facular Diameter(mm)	120-280mm
Dimming Control	1%-100%
Bulb Power	39
Temp Rise (doctor head)	< 1℃
Input Power	AC100-240V 50/60HZ

Product features:

1、 Ideal cold light effects.

Using the new LED cold light source, energy saving and environmental protection and long service life up to 80,000hours or more. Temperature increase over surgeon's head < 1℃。

LED do not engender infrared ray and ultraviolet radiation, it doesn't have the temperature rise and tissue damage caused by halogen shadowless light, can accelerate the wound healing after surgery, and has no Radiation pollution.

LED color temperature constant, soft, very close to the natural sun light.

Imported OSRAM lamp beads are used.

2、 Excellent shadowless effect

Adopting petal style three-dimensional design and multi-point light source, the illumination of the spot is more uniform. When the surgical lamp is partially obstructed, it can also achieve a perfect shadowless effect.

The turning radius of the lamp disc: $\geq 182\text{cm}$, and the lamp head can be pulled down to the vertical ground, facilitating lighting at various angles.

3、 Excellent deep lighting

Adopting computer-aided modular design, multiple LED light columns are focused for illumination, generating a depth of illumination of over 1200 millimeters of light columns. The central illumination can reach up to 160000 lux or more, and it provides a 3500K-5000K adjustable color temperature that is close to natural sunlight, truly reflecting the color of human tissues, fully meeting various surgical lighting needs.

4、 Advanced control system

The use of liquid crystal display button control, to meet the needs of the medical staff of different patients with the brightness of the operation.

It offers illuminance memory function.

5、 Universal suspension system

The balance system adopts imported arm spring components, which are lightweight, easy to operate, precise in positioning, and can provide the maximum adjustment range.

Equipped with fatigue correction device and positioning touch adjustment device, it is convenient for positioning and adjustment after regular use.

6、 Universal caster

The base adopts four wheel support, with high-end silent universal casters. Each caster is equipped with a braking device, which plays a fixed role. It is flexible, lightweight, stable, safe, reliable, and noiseless in movement and positioning.

7、 Modern laminar flow lamp holder

German designer petal shaped ultra-thin design, with a maximum thickness of no more than 10cm, can achieve excellent laminar flow effect.

The middle handle of the lamp head is detachable, resistant to 134 °C high temperature and high pressure disinfection, convenient for adjustment and flexible positioning.

Configuration list

1、 Three petal lamp、 Dimming System	1 suite
2、 Support pole	1suite
3、 Balancing arm	1suite
4、 Transformer assembly	1suite
5、 Handle jacket	2 count
6、 Mobile base	1suite
7、 High grade silent universal wheel	4 count
8、 Allen key	1 suite
9、 Product Qualification Certificate	1 part
10、 Operation instructions	1 part