

500LED Shadowless Operating Lamp

LED series shadowless Operating lamp can widely be used in diversified operation occasion to meet the demand of the illumination, and it is the ideal illumination instrument of the modern operating theater.

The whole reflection optical system is made by CAD/CAM technology, its illumination depth is up to 1300mm; by using color temperature compensation technology, the color reversion is uprised, and it is more suitable for the illumination of the complex surgery such as encephalon surgery and thorax surgery.

The panel is made of German PC (anti-bullet plastic) by injection moulding, makes the light softer and more reliable. Equipped with imported balance arm suspension system, which is light and handy, six group joints move together and moves smoothly, positions stably. 360 universal design can satisfy various needed height and angle in the operation. Almost unlimited LED life expectancy delivers tremendous product reliability and investment protection.



Main technical data

Illuminance	$\geq 140,000\text{Lux}$
Colour temperature	$3800\pm 500\text{K}$ $4400\pm 500\text{K}$ $5000\pm 500\text{K}$
Colour reduction index(Ra)	95
Total irradiance	390W/m^2
Size of light field	160~280mm
Service life of illuminant	50,000h
Power supply voltage	AC110-240V 50/60Hz
Total power consumption	60W
Total LED bulb quantity	72 pcs (12*6)
Illuminance depth	$\geq 1300\text{mm}$
LED bulb	$3.3\text{mW/m}^2\text{lx}$

Details



Features

Optional color temperature

There are three color temperature section, respectively is 3800 k, 4400 k, 5000 k. color temperature can be adjusted.

The color temperature adjustable benefits is to reduce the doctor eyes visual fatigue. According to the different color of skin, choose the right color temperature.



Long service life

Halogen is generally 1000 hours, LED is (Osram) more than 50,000 hours.

