

HLED L5/3 LED (5+3) LED surgery shadowless lamp



Features:

1. A real cold light source

The use of a new type of LED cold light source, energy saving, environmental protection and long service life up to more than 80,000 hours. The doctor's head heats up $<1^{\circ}\text{C}$.


LED does not produce infrared and ultraviolet radiation, and the halogen-free shadowless lamp causes temperature rise and tissue damage to the wound, speeds up postoperative wound healing, and has no radiation pollution.

The color temperature of the LED is constant, the color temperature is not attenuated, soft and not dazzling, very close to the natural sun light.

2. Excellent shadowless effect

The lamp holder adopts the most scientific arc, multi-point light source design, so that the illuminance of the spot is more uniform. When the operating lamp is partially blocked, it can also achieve a perfect shadowless effect.

The turning radius of the lamp plate: $\geq 182\text{cm}$, the lamp holder



can be pulled down close to the vertical ground, which is convenient for lighting from various angles.

3. Excellent depth lighting

Using computer-aided modular design, multiple LED beams are focused and illuminated to produce depth illumination of beams of more than 1200 mm. The central illuminance is up to 180,000lx or more. It also provides 3700K-5000K color-adjustable temperature close to natural daylight, which truly reflects the color of human tissues. Fully meet the needs of various surgical lighting.

4. Advanced control system

It adopts liquid crystal display button control, which can adjust the power switch, illuminance, color temperature, etc., to meet the requirements of medical staff for the brightness of different patients' operations.

Digital memory function, automatically memorize the appropriate lighting level, no need to debug when it is turned on again.

Multiple groups of multiple channels with the same power are centralized control methods to ensure that the damage of a single channel and a single LED does not affect the requirements of surgical lighting.

5. Universal suspension system

The rotating boom is made of an octagonal shape with a new type of alloy material.

The balance system adopts domestic spring components, which is light in structure, easy to control, precise in positioning, and can provide the largest adjustment range.

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

6. Modern laminar flow lamp holder

German designer petal-shaped ultra-thin design, the thickest part is no more than 10cm, and an excellent laminar flow effect can be obtained.

The lampshade shell is made of imported ABS material, the middle handle of the lamp holder is detachable, and it is resistant to high temperature and high pressure sterilization at 134°C, which is convenient for adjustment and flexible positioning. Technical parameters LED-700/500 type (5+3 type)

Illumination (adjustable)	40,000-180,000Lux
Number of bulbs	61 + 39
Bulb type	LED
Average bulb life	≥80,000h
Color temperature (adjustable)	3700K ~5000K
Display index (adjustable)	85~98
Focus depth	50-180cm
Spot diameter	160-280mm
Brightness adjustment	1%-100%
Power consumption (W)	65
The surgeon's head heats up	< 1°C
Power supply voltage	AC100-240V 50/60HZ