

GENERAL SPECIFICATIONS

- Multi-reflector operating light is an ideal lighting device for various operations in hospital.
- Full-enclosed structure and streamlined of the lamp head, sufficiently meets the high sterilization and purification standard of operation room.
- The light beam with over 3000 specialized reflectors ensures the focus depth to 700mm.
- Color temperature approaching that of sunlight, making the tissue surface visible in natural color, can helps the doctor to distribute the operation parts clearly and accurately.
- Permanent light safety, the stand by lamp will start work within 0.2seconds automatically when the main lamp is damaged, ensuring the continuation of surgical operation. Control panel has indicator for the damage of major and standby lamps
- The dischargeable handle can be sterilized conveniently with high-temperature and high-pressure.
- Digital-control circuit offers many functions, such as stepless lighting regulation, brightness memory, low voltage star-up and power on self test etc.
- The life-span of OSRAM halogen bulb is up to 1000 hours; the bulbs can be changed easily.
- The hanging system and flexible arm are designed to position on the operation light in all directions, to meet various illumination requirements.
- Professional Germany ONDAL balancer can rotate unlimited and make light body's stable and reliable.
- High-emission reflection device may ensure that illumination degree of operating light is permanently efficient (50000- 150000lux), excellent depth of illumination and low shadow level.

TECHNICAL SPECIFICATIONS

Diameter Lamp Housing(mm)	700	500
■ Centralluminance (Lux)	50000-150000	40000-120000
■ Color Rendering Index(Ra)	≥92	≥92
■ Color Temperature(K)	4300	4300
■ Power Voltage(V/HZ)	~220/50	~220/50
■ Power for Bulb (W)	150	100
■ Light-adjusting Mode	stepless adj.	stepless adj.
■ Temperature Rise at Surgeon's Head(°C)	≤2	≤2
■ Focusable Light-field Size	160-250	140-200
■ Effective Bulb Service Life(hour)	1100	1100
■ Installation Height(mm)	2900	2900

OPERATING LIGHT**■ Streamline:**

In light of the principle of aerodynamics, the lamp head is designed to be full-closed, streamline and with outstanding glass panel to eliminate any dead space for the air flow of purification in the operation room.

■ Imported Balanced Arm:

An agile balanced hanging arm system is installed, six sets of joints can move together flexible and make a stable positioning a designation is made to be able to move the lamp head in all directions, which technology will satisfy any need for the height or angles of the operating lamp during surgical operation.

■ Continuous Light Adjustment:

The lamp is controlled by microprocessor and stepless lighting regulation, successive brightness adjustment. It has the function of lightness memory and broad electric voltage input which will work stably at a supply between AC180V- AC250V, this system provides a great capacity of anti-interference.

■ High Depth Of Illumination Focus:

The depth of illumination has been guaranteed above 700mm with a good shadow-less and diameter of spot is 140-250mm, which is the use of multi rotated mirror reflector to form thousands of reflection and a focusing beam of high illumination.

■ Color Temperature Compensation:

The unique filter system which may achieve a genuine cold light, the special designation for color temperature compensation has provided a color temperature of similar with natural sunlight, and completely satisfy for the different requirements in operation.

