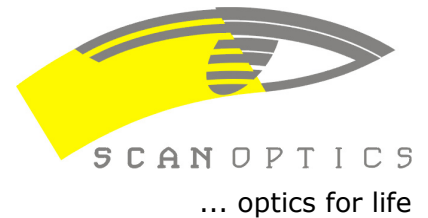


# SO-901 LED



## Next Generation LED Surgical Lights

- Smaller and lighter.
- Lifetime super bright LED light. No bulb failure to interrupt surgery.
- No UV and IR emissions.
- Quick setup.
- Independently dimmable.
- High quality and robust design.
- Mains AC or 12 volt battery operation.
- Portable.



The SO-901 LED Surgical Light is designed for use in the operating room, office or in the field. It's ease of portability allows it to be used in remote areas where equipment needs to be carried from one location to another and where mains power may not be available.

The Surgical Light has two independently adjustable powerful LED. With a combined power of 40 watts and a 10° narrow beam spread, it has an illumination of 6,000 Lux at 1 meter. With no IR or UV radiation and a colour temperature of 6500K, it provides good colour rendition.

The Surgical Lights are designed to be clamped to a drip stand or other similar pillar/post. It can be powered from Mains AC or 12V battery.

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# SPECIFICATIONS

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## LAMPS

**Type:**

Dual independently dimmable 20W LED  
10° Beam Spread (half angle)

**Colour Temperature:**

6500K

**Life:**

50,000 hours (up to 80% original intensity)

**Illumination:**

6,000 Lux at 1.0 meter

## POWER SUPPLY

**Power Pack Mains Input:**

100 – 240VAC, 50-60Hz

**Protection:**

Over voltage, Over current and short circuit protection

**Power Pack Output:**

15VDC / 4.0A

**Lamp Module Input:**

12-15VDC / 2.0A per module

**LED power requirements:**

15.5V – 21VDC / 2.0A max.

**Power Pack Electrical Approvals:**

EN 60601.1 (medically rated)  
CE



## MOUNTING SYSTEM

**Clamp Throat:**

10-30mm

**Directional Aiming:**

Fully 360° adjustable in each 2 axis of rotation

**Spacing between Lamp Head:**

160mm

## PACKAGING

**Material:**

Cardboard with foam inserts

**Dimensions:**

370 x 260 x 130 mm

**Weight:**

2.6kg (5.7lbs)



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