

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.

SPECIFICATIONS

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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