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Product Name :

Light Operating Room Mobile w/access

Product Code :

SLE/HE/05



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Description :

Light Operating Room Mobile w/access (Product Code: SLE/HE/05) is a mobile halogen surgical light used to illuminate the operating field during procedures in operating theatres, minor-surgery rooms and delivery rooms. It gives homogeneous light of 50,000–60,000 lux at 1 m and runs on AC mains with built-in batteries that take over automatically if the power fails. It issupplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, for hospitals andhealth facilities.

Specifications

Parameter	Detail
Light source	Halogen; single or multiple 24 V halogen bulbs in a single cupola
Illuminance	Homogeneous light, 50,000–60,000 lux at 1 m
Colour temperature	4,000 K ± 10%
Light field	0.25 m diameter ± 10%
Focus	Focus control
Cupola	45–50 cm diameter, with central handle
Mounting	Pole stand with articulated arm; base with swivel castors and brakes
Construction	Low centre of gravity, sturdy
Vertical range	180–230 cm
Horizontal turning	More than 100 degrees
Power source	AC and battery; built-in transformer and batteries with battery indicator
Power failure	Automatic switch to battery
Mains supply	220 V / 50 Hz
Power consumption	150–250 W
Product code	SLE/HE/05
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Mobile Operating Room Light Used For?

A mobile operating light gives the surgical team bright, even light exactly where they are working, and it can be wheeled to whichever table or room needs it. The theatre nurse or surgeon positions the cupola by its central handle, sets the articulated arm within the 180–230 cm vertical range, and adjusts the focus to size the light field over the operating site.

The battery backup matters in facilities with an unreliable mains supply: if the power drops, the light switches to its internal batteries automatically and the indicator shows their state. For day-to-day c g them

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