Email : sales@scilabexport.com
Phone: +91-7082934803

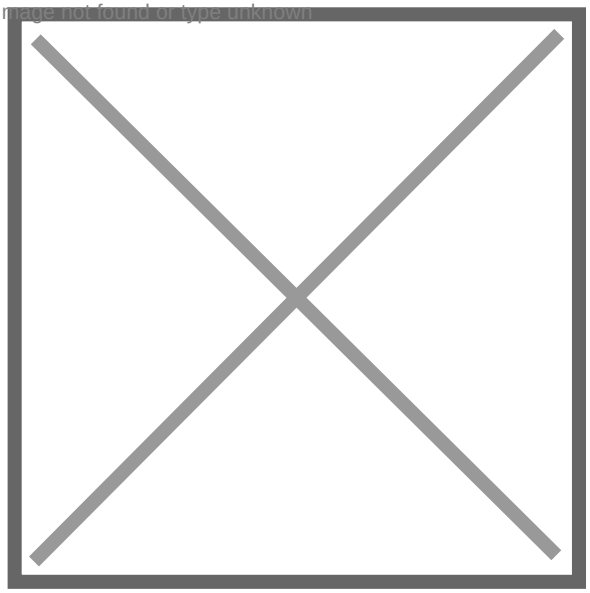
Product Name :

Fixed Ceiling O.T lights LED Dual Room

Product Code :

SLE/LE/002

Image not found or type unknown



Science Lab

Email : sales@scilabexport.com
Phone: +91-7082934803

Description :

Fixed Ceiling O.T lights LED Dual Room (Product Code: SLE/LE/002) is a ceiling-mounted, double-dome LED shadowless light used to illuminate the operative field in hospital operating theatres. Its light sources sit at different positions and are focused together so that the surgical team's heads and hands do not cast shadows, and each dome carries 432 LEDs with its own 9-step intensity control. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, with its operating theatre equipment range.

Specifications

Parameter	Detail
Purpose	Shadowless lighting: light sources at different positions are focused to eliminate shadows cast by medical staff
Configuration	Double dome, fixed to the ceiling
LED arrangement	Each dome has 3 modules; each module has 4 power LEDs (12 white power LEDs per dome); each power LED has 36 sub-LEDs built in, totalling 432 LEDs per dome
Intensity control	9 steps, for each dome individually
Controls	Intensity, brightness, contrast and power switch on handle/wall
Colour temperature	4500K and above
Colour rendering (CR)	95
LED lamp life	Minimum 40,000 hours
Height adjustment	600 mm
Action radius	1850 mm
Movements	Radial, angular and axial; 360° rotation for both arms
Focal distance (d1+d2)	0.8 to 12 m (as listed; please confirm with us)
Temperature rise at the surgical site	Specified as less than 10 (unit not stated; please confirm with us)
Heat dissipation	Cooling mechanism disperses heat to maintain nominal temperature
Power	Battery operated; recharging unit input 220V–240V AC, 50Hz
Supply tolerance	Voltage ±10%, frequency ±2%
Protection	Over-charging cut-off with visual symbol
Warranty (as listed)	5 years; coverage confirmed in the quotation
Light source	LED
Heads	Two complete heads (dual-dome)
Fea	

Email : sales@scilabexport.com
Phone: +91-7082934803