

OPERATION THEATRE LIGHTS

Shadowless LED Lights

Mobile: +91-9810019831
Email: sales@surgico.in.com
Website: www.surgico.in.com

Regd. Office: B-42, Ashok Vihar, Phase-1, Delhi – 110052, (INDIA)

Manufacturing Units:

I. Delhi: Udyog Nagar, 428/I/G/F, Rohtak Road, Mundka Industrial Area, Mundka, Delhi-110041, (INDIA)

II. Indore-Madhya Pradesh: 41, Bijepur Road, AKVN, Bijepur, Indore-453001, Madhya Pradesh

III. Sonapat, Haryana: 586, Phase 2, Industrial Estate Barhi, Gaur, Sonapat, Haryana, 131101

About Us

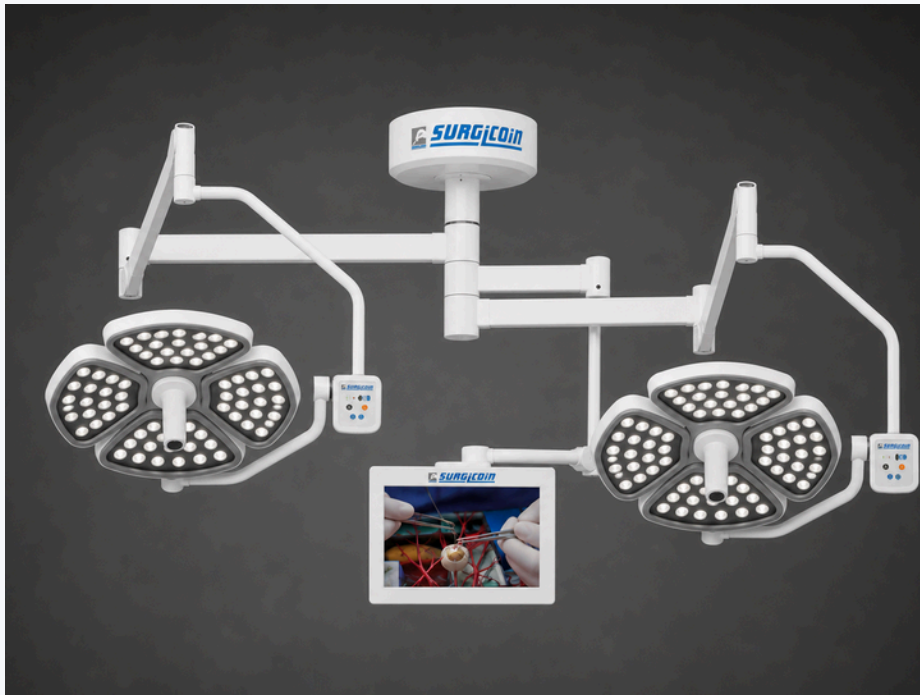
SURGICOIN is a specialised manufacturer in the Medico Surgical field for more than seven decades always intending to be a company that values quality & commitment.

The company started manufacturing of stainless steel Surgical Instruments. Over the 70 years enjoying the patronage of it's valuable customers, SURGICOIN has expanded to manufacturing and supplying of Operation Theatre Equipment, lights and tables, Patient ward Equipments (Hospital Furniture), Steam Sterilizer Autoclave Machines, Surgical Instruments and other Medical products catering to all the fields of modern surgery and Turnkey Projects for Central Sterile Supply Department (CSSD), Modular Operation Theatre (MOT), Medical Gas Pipeline system (MGPS).

The company is **ISO 9001:2015, ISO 13485:2016** Certified from National Accreditation Board for Certification Bodies (**NABCB**), **ISO 14001 : 2015, ISO 45001 : 2018, ANSI/BIFMA, & WHO GMP Certified**. The products manufactured are **CE Marked**. Steam Sterilizer Autoclaves Machines are **BIS Approved, ISI Marked. IS 3829 : Part-1 : 1999, & IS 3829 : Part-3 :1985**.

The company is having manufacturing license from **Udyam (MSME), Central Drugs Standard Control Organisation (CDSCO), Beuro of India Standard (BIS)** & we are registered with **Govt. of eMarket Place (GeM)** for selling online.

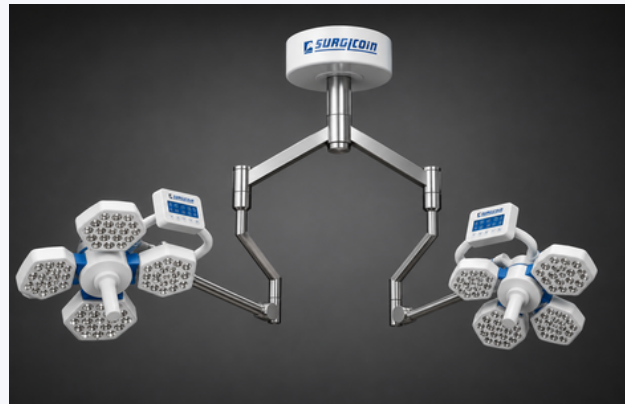
SURGICOIN has a team of highly competent and experienced engineers to full-fill the promise of providing the best equipment with most efficient After Sales Service and constant endeavor is made to improve quality of existing products and introduce new technology concepts.



TECHNICAL DATA:

- Ceiling OT Light Double Dome with camera
- Laminar Air flow Compatible
- Light Intensity in Luminous at 1 meter distance : Upto 200,000 Lux (Adjustable)
- Type of Lamp head : Petaled Shaped lamp head
- Minimum Diameter of lamp Head for main dome with tolerance ± 20 (in mm) : 600 mm
- Minimum Diameter of Auxiliary dome with tolerance ± 20 (in mm) : 600 mm
- Colour Temperature in Kelvin (In between) : 3500 to 5000 K
- Minimum Life Span of LED for each dome (in hours) : 60,000
- Colour rendering index (CRI) : >95
- Type of Control Panel : Manual / Touch Screen

*The product photograph displayed is for reference and display purpose only. The product will be supplied as per order specification and may vary.



SALIENT FEATURES:

- Light with electronic control, for homogeneous and shadow less light with minimum temperature rise.
- Highly counter balanced mechanism to fix the dome at any position, easy maneuverable free up & down and swing movements & freely rotatable at any angle (360 degree).
- The lamp head has multiple LED light, sources includes a combination of Red & White/ Multi colour LEDs to optimize colour radiation.
- Light intensity adjustable from dome control panel.
- Facility for exact focusing on tissues in deeper regions.
- User adjustable wide focus and angle range.
- Movements axial, radial, angular with spring balance.
- Detachable & Sterilisable handle to adjust focus.
- Compact, light weight, slim design.
- Low energy consumption, high efficiency, very low heating.
- No harmful radiation of IR- Infrared or UV-Ultraviolet.
- Easy to clean its surface.

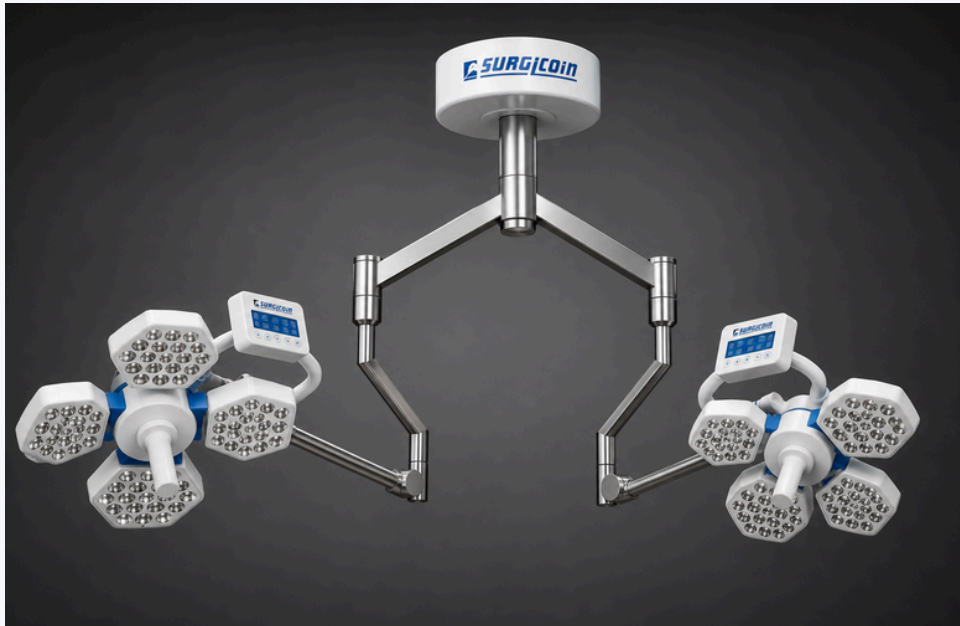
*The product photograph displayed is for reference and display purpose only. The product will be supplied as per order specification and may vary.



TECHNICAL DATA:

- Dome Diameter with thickness 30-60mm Approx.
 - Main Dome : 600 mm ($\pm 20\%$)
 - Satellite Dome : 600 mm ($\pm 20\%$)
- Intensity/illuminance range at 150-400mm or more distance
 - Main Dome : 1,60,000 Lux (Adjustable)
 - Satellite Dome : 1,60,000 Lux (Adjustable)
- Working distance (D1+D2) : 1m
- Material of Dome : ABS/Aluminium
- Field Diameter
 - Main Dome : 200mm or above
 - Satellite Dome : 200mm or above
- Height adjustment : 600mm
- Action Radius : 1850mm
- Colour Temperature (variable) : 3800-5000° K
- Color rendering index : >95
- Temperature increase at head area : 1°C
- Dimming Range : 10-100%
- Type of Control panel : Manual / touch screen
- Expected LED service life : 40,000 hrs. -60,000 hrs
- Power supply : 230Volts AC, 50Hz
- Battery Backup : >1 hr. (optional)

*The product photograph displayed is for reference and display purpose only. The product will be supplied as per order specification and may vary.



TECHNICAL DATA:

- Multi Petal/ Winged Shape Dome
- Light Head Diameter : 50-75 cm
- Depth of illumination (L1+L2): 80-120cm (Adjustable)
- Light intensity
 - Main Dome : 1,60,000 Lux (Adjustable)
 - Stellite Dome : 1,60,000 Lux (Adjustable)
- Light Field Diameter : 16-29cm
- Colour select (variable) : 3500k to 5000°K
- Color rendering index : >95
- Dimming Range programmable: 10-100%
- Light Source LED's : High Performance
- Power supply : 230Volts AC, 50Hz
- Expected LED service life : 40,000 hrs - 60,000 hrs
- Temperature increase at head area : 1°C
- Material of Dome : ABS/Aluminium
- Type of Control Panel : Manual / Touch Screen
- Focus Adjustment : Manual / Electronic

*The product photograph displayed is for reference and display purpose only. The product will be supplied as per order specification and may vary.



SALIENT FEATURES:

- Ceiling mountable LED O.T. Light. Dome Light Head consist of single dome. Revolving outer handles at light head provided to allow for sterile position.
- Sterile positioning an ergonomic, exchangeable and centrally positioned sterile handle within the light head is provided.
- Light head is made of ABS / Aluminium.
- LED Technology providing illumination close to natural light & ensure clear visibility of tissues and deeper car ties of body. The colour temp. and colour rendering is close to average daylight, the surgeon will be able to see the real colour of the tissue & organ during operation.
- There is control panel situated on the dome.
- Control Panel Functions : On-off switch, Intensity adjustable control, Adjustable color temperature & Focusing adjustable from control panel or manually by sterile handle.
- The highly counter balanced mechanism to fix the dome at any position, easy manuverable free up & down & swing movements & freely rotatable at any angle (360 degree).
- Facility for exact focusing on tissues in deeper regions.
- Outer handles at the light head provided to allow for non-sterile positioning.
- User adjustable wide focus and angle range.
- Movements axial, radial, angular with spring balance.
- Detachable & Sterilisable handle to adjust focus.
- Compact, light weight, slim design.
- Low energy consumption, high efficiency, very low heating.
- No harmful radiation of IR- Infrared or UV-Ultraviolet.
- Easy to clean its surface.
- Battery back up option also available on request (Optional).

*The product photograph displayed is for reference and display purpose only. The product will be supplied as per order specification and may vary.



TECHNICAL DATA:

- Round Single Dome Ceiling Light
- Intensity/illuminance at 1 meter distance : 160,000 Lux
- Dome Size : 600 mm or more
- Light field Diameter : 20cm or more
- Action Radius : 1850mm
- Colour Temperature : 3800 k - 4500 K (Variable)
- Color rendering index : >95
- Temperature increase at head area : >1° C
- Dimming Range : 10-100%
- Light Source : High Performance LED's
- Expected Life of LEDs : 40,000 – 60,000 hours
- Power supply : 200-240V AC, 50/60 Hz

*The product photograph displayed is for reference and display purpose only. The product will be supplied as per order specification and may vary.



TECHNICAL DATA:

- Laminar Air flow Compatible
- Intensity/illuminance at 1 meter distance : 1,60,000 Lux
- Light field Diameter : 20cm
- Action Radius : 1850mm
- Colour Temperature : 3800 k - 4500 K (Variable)
- Color rendering index : >95
- Temperature increase at head area : >1° C
- Dimming Range : 10-100%
- Light Source : High Performance LED's
- Expected Life of LEDs : 40,000 hrs- 60,000 hrs
- Power supply : 200-240V AC, 50/60 Hz

*The product photograph displayed is for reference and display purpose only. The product will be supplied as per order specification and may vary.



Round Dome



Multi Petal Dome

SALIENT FEATURES:

- Pure White like Natural Daylight, Bright and Cool Light, Dual colour white and yellow combination light source.
- It has intensity control.
- It has safety and electrical power supply.
- The light has efficient illumination and good pointing capability.
- No-Pre heating, the light has cold switch on.
- It has strobe flash free, UV-Ultraviolet & IR-Infrared free.
- Manual focus adjustment by rotating sterile handle.
- Made of multiple group of individual light source. The malfunction of one will not effect others.
- Transparent screen with hardness coating for long life.
- The light has outstanding heat dissipation capacity.
- Colour temperature for colour correction.
- Five levels of colour temperature.
- Provided with 1 extra sterile handle. (Optional)

TECHNICAL SPECIFICATION:

- Intensity at 1 meter distance : 160,000 Lux (Adjustable)
- Field diameter in range : 150-300mm
- Colour Temperature : 3600K- 5000K
- Color rendering index : >95 or more
- Temp. increase at head area : <1° C
- Light Source : High Performance LED's
- Expected LED service life : 40,000 hrs- 60,000 hrs
- Material of Head Lamp : ABS/ Aluminium
- Type of control Panel : Manual/ Touch Screen
- Depth illumination range : 100 to 140
- Power supply : 200-240VAC, 50/60Hz
- Battery backup : Available up to 1Hr (Optional)

*The product photograph displayed is for reference and display purpose only. The product will be supplied as per order specification and may vary.



A



B



C



D



E



F

*The product photograph displayed is for reference and display purpose only. The product will be supplied as per order specification and may vary.

TECHNICAL SPECIFICATION:

- Examination light provides bright, cool, and adjustable illumination to enhance visibility during medical examinations and minor procedures.
- Light Source : LED
- Intensity at ½ Mtr. Distance : 10,000 - 60,000 Lux (Adjustable)
- Height adjustment : ≤440mm
- Colour Temperature : 3000-5000 K
- Mobility : Portable on castors (Radial and axial movement)
- Colour Rendering Index (CRI) : >95
- Heat dissipation : Maintain nominal temperature and the heat can be disbursed
through an cooling mechanism.
- Power Input : 220V-240V AC, 50Hz
- Battery backup : Available for up to 2hrs (Optional)

*The product photograph displayed is for reference and display purpose only. The product will be supplied as per order specification and may vary.