

A close-up, high-angle shot of a modern surgical light fixture. The fixture is white and oval-shaped, with a central cylindrical protrusion. The main body of the light is filled with numerous small, circular LED chips, some of which are illuminated, casting a warm, yellowish glow. The background is a soft, out-of-focus grey. A large, stylized graphic element, consisting of a red triangle pointing upwards and a blue triangle pointing downwards, is positioned on the right side of the image, partially overlapping the surgical light.

LED 50  
SURGICAL LIGHT

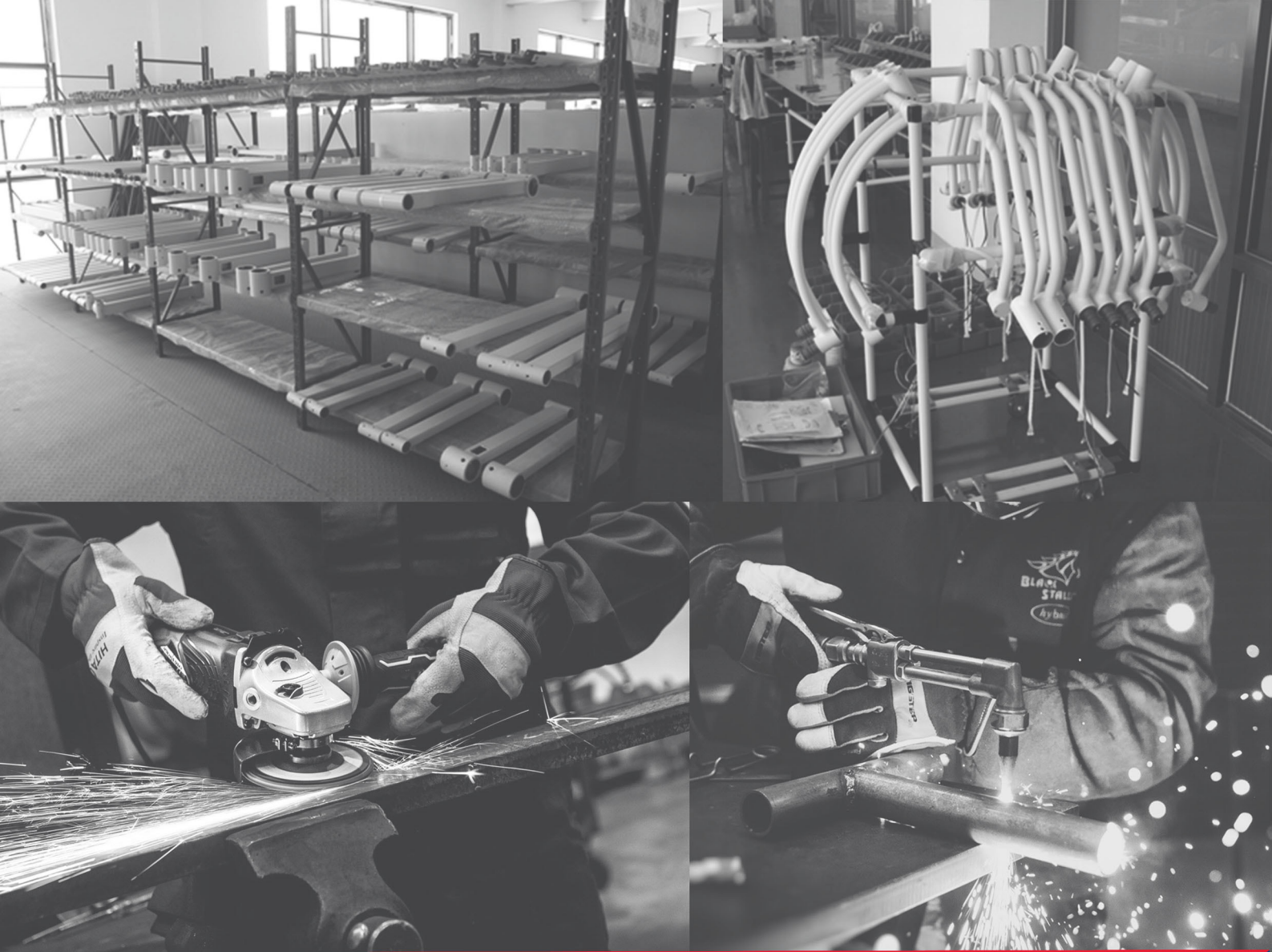
# Innovative Solutions in Surgical Lights

Professionals with an expertise of over 33 years in  
The Medical Lighting solutions...

ISO 9001, ISO 13485, ISO 14001,  
OHSAS 18001 AND CE CERTIFIED

The logo features a stylized 'H' in red, with a blue roof-like shape integrated into the top bar of the 'H'. A small blue square with a white cross is positioned in the center of the 'H'. To the right of the 'H', the text 'OSPEDIA MEDICARE PVT. LTD.' is written in a blue, serif font.

OSPEDIA MEDICARE PVT. LTD.



Hospedia Medicare is a leading Indian Manufacturer of Shadowless **LED Operation Theatre Lights**. With over 33 years expertise in Surgical Lighting, Hospedia Medicare is providing high quality, cost effective and reliable products to its Customers in India and overseas. With a single-minded focus of **Customer Satisfaction**, Hospedia Medicare is working dedicatedly to create world-class surgical lighting solutions from its modern and sustainable manufacturing facilities.





## LED Operation Theatre Lights to suit all your clinical needs

LED Operation Theatre Lights by Hospedia Medicare uses the latest innovation under the LED technology through stringent quality check for our products to provide enduring and long lasting performance through lower lifetime costs. For all your clinical needs, we offer lights with varying intensity, colour range, mounting structure and surgical requirements

## Shadow less Surgical Lights

Our proprietary German technology with specially designed medical lenses creates a shadow less impact while maintaining the depth of the field for the healthcare practitioner. Hospedia Medicare proprietary design and configuration of light enables excellent shadow controls to under light obstructions during surgical procedures to eliminate head and hands shadows.

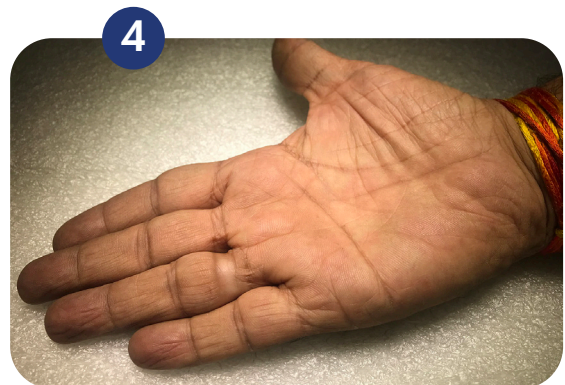
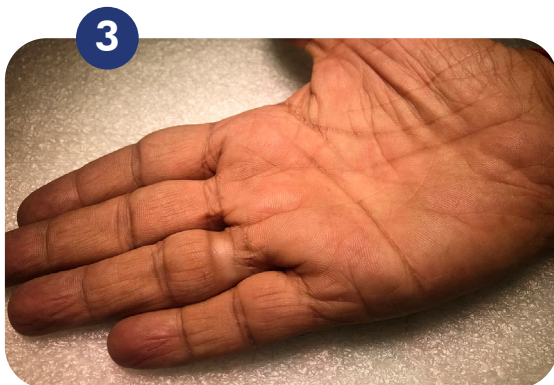
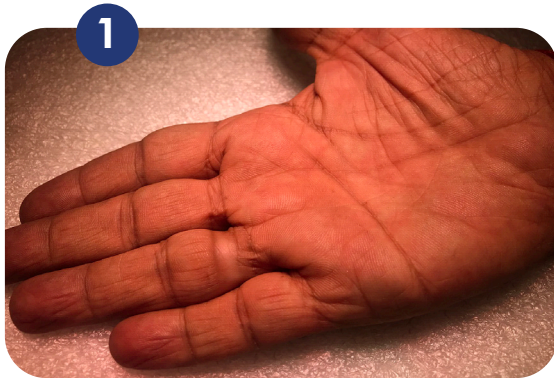


## Seamless Movement

Hospedia Medicare LED surgical light can have seamless movement from any angle to cover wide spectrum of movement. Our LED surgical lights are armed with German spring and German ONDAL arm to ensure a complete 360-degree rotation from the central axis and revolving axis.

## Different Colour Temp Variants for different Surgeries

Our surgical lights have different variants for various procedures to reduce eye strain during surgeries for the healthcare practitioners.







## User-friendly design

Hospedia Medicare LED surgical lights have proprietary design and configuration that makes them slim, smooth and compact for a precise focus during procedures. Our LED surgical lights have an impressive 160,000 Lux output for a powerful performance during procedures.

- Uniform vision can be maintained for full illuminated area for the high intensity vision light.

## Cool light

Hospedia Medicare LED Surgical lights with high quality reflectors and thermal mechanism ensure that the temperature range at the surgeon's head is always less than 1°C for ease and comfort during long procedures.

## Long life and Sustainable

Our LED surgical light have a life >50,000 hours which equates to more than 10 years of continuous usage. Hospedia LED Surgical lights are also extremely economical and environmentally sustainable as they have 70% less energy consumption as compared to most of the brands and do not contain any halogens, CFC's and mercury content.

## Single Focus with large & adjustable illuminated area

A large illuminated area with 130-300 mm diameter that can be adjusted with hand held or motorised mechanism. This helps health practitioner's with the focus pattern adjustment for greater ease and control during procedures.

## Infection Control

The smooth surface of Hospedia LED OT lights head allows for easy disinfection and maintenance of sterile environment in the operation theatre. Hospedia Medicare surgical lights also have a removable handle that can be sterilised for disinfection and to protect from ingress of fluids.



Endo Mode



Surface Mode



Deep Cavity Illumination



## LED 50 Shadowless Operation Theatre Light

LED 50 Shadowless LED OT Light is highly efficient and sustainable light source for surgical applications. The proprietary slim and compact design has individual German OSRAM modules for enhanced output and shadow control.



### Features

LED 50 Double dome OT light has two heads of same sizes to create an efficient and focussed light field for the aid of the practitioner.

- Each light head is supported with 360° rotation of the arms for easy rotation and efficient usage of space.
- Multimedia display and high definition cameras (optional features) for enhanced versatility.
- 500 mm lamp head
- German OSRAM LED's
- Specially designed Shadowless lenses
- Three different mode of surgeries



Hospedia shadowless LED Operation Theatre Light dome is designed with superior aerodynamic design with less heat generation that facilitates suitable laminar flow properties as per the DIN 1946-4 and SWKI Class 5 (German Institute of Standardization). This optimizes laminar air flow in all demanding conditions for an extremely comfortable temperature on health practitioner's head even during long medical procedures.



## Camera Mounting Options for Surgical Lights

Hospedia Medicare LED 50 surgical lights come with Camera Mounting Option – Inside/Outside Dome. The system can realise operation image network transmission and remote monitoring, convenient operation onsite consultation and referencing for the health practitioner's aid.

### Features

- Professional medical HD integrated video camera with image resolution up to 530 lines
- Specially designed monitor ceiling arm with good stability to perform operations without any drift.
- Professional LCD Monitor and HD LCD display.
- Professional DVR hard disk recorder can achieve multi-screen split real time display, 1T large capacity hard drive for performing real time video recording function and uninterrupted long term storage surgery images.

The various configurations which are available are Camera system (2 mega-pixel), Camera system (3 megapixel), Camera system (200 K pixel), Camera system (400 K pixel),



## Technical Specifications

Light Intensity	00000 - 160,000 Lux
Adjustable Color Range	4500K
Color Rendition Index	≥ 96
Spot Diameter (mm)	130- 300 mm (adjustable)
Lighting Depth (mm)	≥ 1250
Supply Voltage	220-240 V
Power Consumption at full power	48 W

Model No.	Description
HOSPEDIA LED50SC	Hospedia LED50 Single Dome, Ceiling
HOSPEDIA LED50SM	Hospedia LED50 Single Dome, Mobile
HOSPEDIA LED50SC-CM	Hospedia LED50 Single Dome with HD-SDI Camera
HOSPEDIA LED50SC-CM-M	Hospedia LED50 Single Dome with HD-SDI Camera and Monitor
HOSPEDIA LED50DC	Hospedia LED50 Double Dome, Ceiling
HOSPEDIA LED50DC-CM	Hospedia LED50 Double Dome with HD-SDI Camera
HOSPEDIA LED50DC-CM-M	Hospedia LED50 Double Dome with HD-SDI Camera and Monitor
HOSPEDIA LED50TC	Hospedia LED50 Triple Dome, Ceiling
HOSPEDIA LED50TC-CM	Hospedia LED50 Triple Dome with HD-SDI Camera
HOSPEDIA LED50TC-CM-M	Hospedia LED50 Triple Dome with HD-SDI Camera and Monitor





Normal Height OT solution where clearance height is greater than 9ft



Low Height OT solution where clearance height is between 8ft and 9ft





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