

by **SonneMed**

Perfekte Verbindung!
Perfect connection



LED 600/450
SURGICAL LIGHT

Innovative Solutions in Surgical Lights

Professionals with an expertise in
The Medical Lighting solutions...



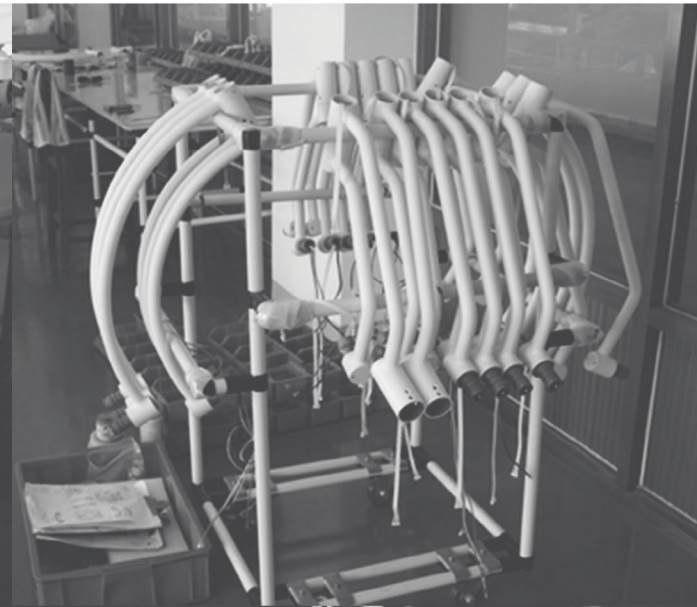
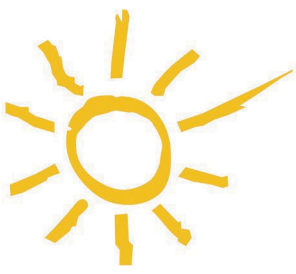
#Smart Solutions...
...since 1953!

 **Srishty Medical Private Limited**

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

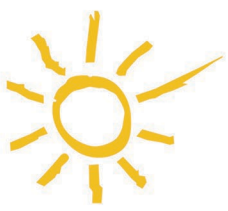
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LED Operation Theatre Lights to suit all your clinical needs

LED Operation Theatre Lights by MEDITEK 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. MEDITEK Surgical Light with proprietary design and configuration of light enables excellent shadow controls to under light obstructions during surgical procedures to eliminate head and hands shadows.



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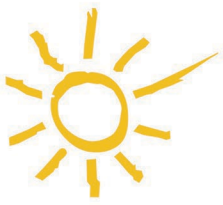
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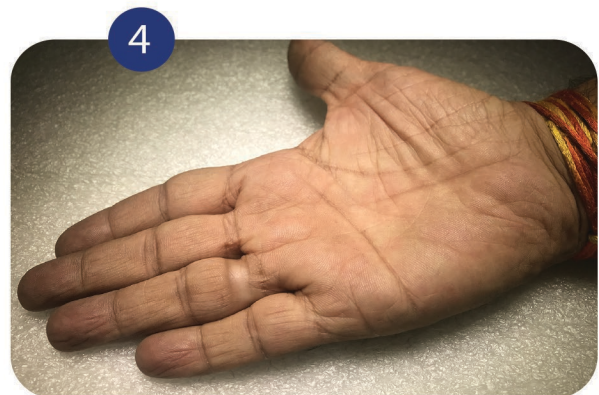
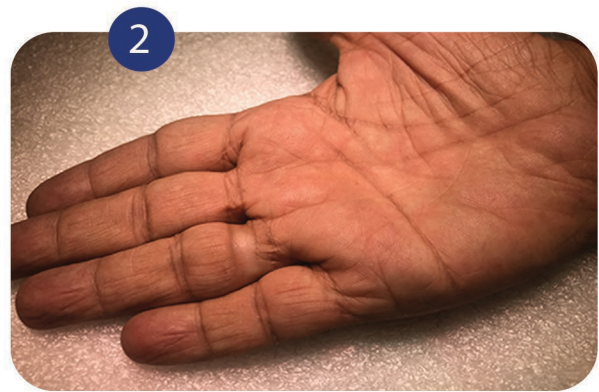
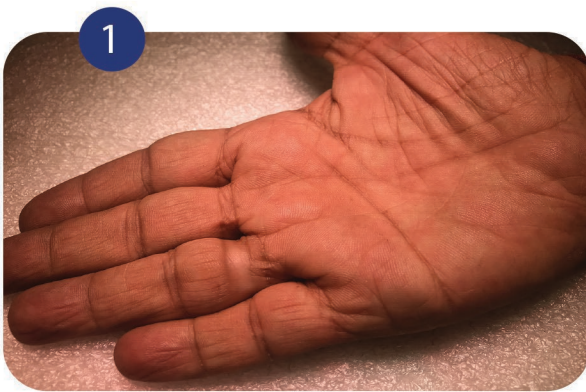


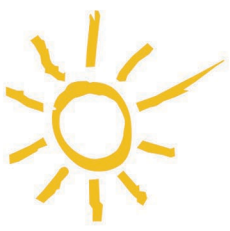
Seamless Movement

MEDITEK 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

MEDITEK 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

MEDITEK 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.

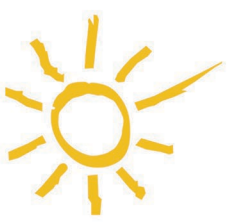
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Long life and Sustainable

Our LED surgical light have a life >50,000 hours which equates to more than 10 years of continuous usage. MEDITEK 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 120-300 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 MEDITEK LED OT lights head allows for easy disinfection and maintenance of sterile environment in the operation theatre.

MEDITEK surgical lights also have a removable handle that can be sterilised for disinfection and to protect from ingress of fluids.

Control panel

Jog dail rotation switch control/Touch screen control panel adjustment (Optional)



Endo Mode

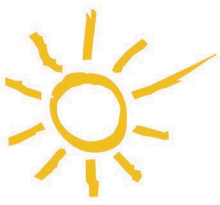


Surface Mode



Deep Cavity Illumination





LED 450 Shadowless Operation Theatre Light

LED 450 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.



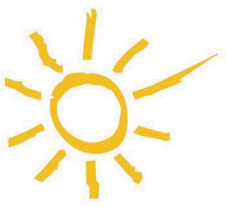
Features

LED 450 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^o 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

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MEDITEK 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.

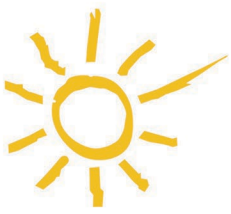
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Camera Mounting Options for Surgical Lights

MEDITEK LED 600/450 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

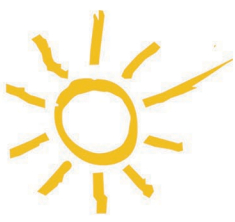
- Professional medical HD integrated video camera with image resolution up to 530 lines
- Specially designed monitor ceiling arm with good stability to perform operations without any drift.
- Professional LCD Monitor and HD LCD display.
- Professional DVR hard disk recorder can achieve multi-screen split 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),



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Technical Specifications

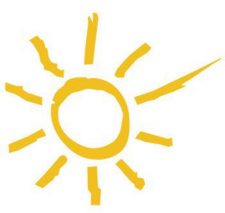
Models #	600 LED	450 LED
Light Intensity	1,60,000 Lux	1,40,000 Lux
Adjustable Color Range	3500K-5000K	3500K-5000K
Color Rendition Index	≥ 96	≥ 96
Spot Diameter (mm)	120-300 mm (adjustable)	120-300 mm (adjustable)
Full Spectrum CRI	95 (± 5%)	95 (± 5%)
Lighting Depth (mm)	≥ 1400	≥ 1200
Service Life of LED	50,000 hr	50,000 hr
Control Panel Adjustment	Manual / Touch Screen (Optional)	
Inbuilt Camera System	Optional	—
No. of LED (OSRAM)	60	45
Power Consumption at full power	60 W	45 W
Supply Voltage	220-240 V	220-240 V

Model No.

Description

LED 450 M	Single Dome Mobile 1,40,000 Lux
LED 600 M	Single Dome Mobile 1,60,000 Lux
LED 450-450	Double Dome 450 x 2 (1,40,000 + 1,40,000)Lux
LED 600-450	Double Dome 600 + 450 (1,60,000 + 1,40,000)Lux
LED 450-450 C	Double Dome 450 x 2 (1,40,000 + 1,40,000)Lux with Camera
LED 600-450 C	Double Dome 600 + 450 (1,60,000 + 1,40,000)Lux with Camera
LED 450-450 C3	Double Dome 450 x 2 (1,40,000 + 1,40,000)Lux with Camera + 3 rd Arm for Monitor
LED 600-450 C3	Double Dome 600 + 450 (1,60,000 + 1,40,000)Lux with Camera + 3 rd Arm for Monitor





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



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

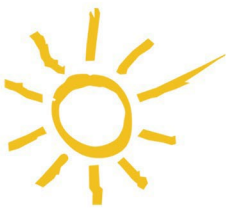
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