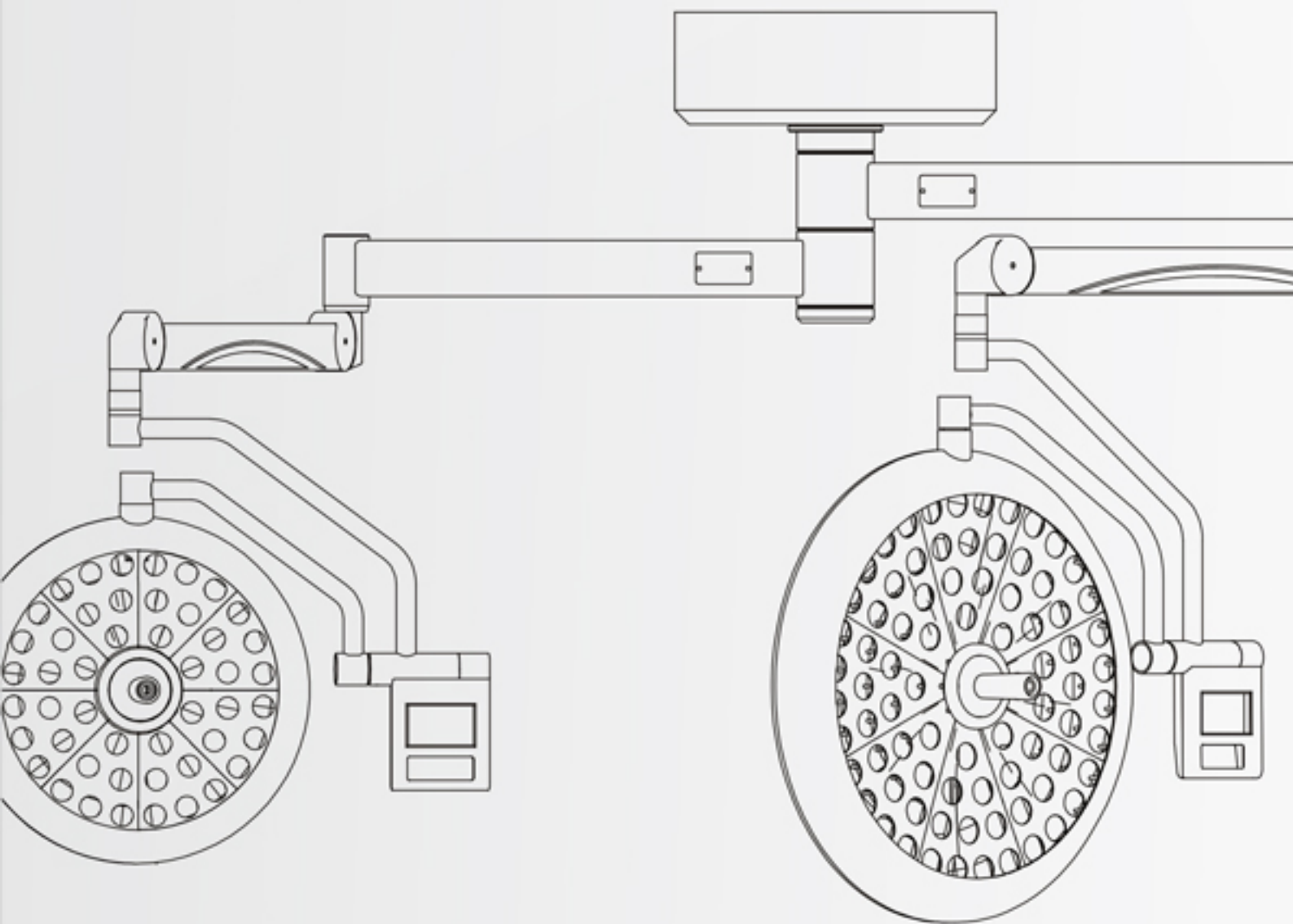




Care for the health,  
Light for the future!



Shantou Easywell Electronic Technologies Co.,Ltd  
Minston International Co.,Ltd

Tel: 86-754-88481863 Fax: 86-754-88481864

Email: [minstonexport@aliyun.com](mailto:minstonexport@aliyun.com)

[manager@medical-equipment-cn.com](mailto:manager@medical-equipment-cn.com)

Wechat: [13592859219](https://www.wechat.com/qrcode?qr=13592859219)

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Affordable & reliable medical supplier for worldwide scale



# LED SURGICAL LIGHT

KS-SERIES  
(4.3 inch touch screen)

60

Years of Medical lights' experience



- Customer favorable model
- Economical and practical
- Tender winner

## ➤ Introduction of LED Surgical Light KS-Series

### 1. True cold light source

The new LED cold light source is adopted, which is energy-saving, environment-friendly and has an ultra long service life of more than 80000 hours. The head temperature of the doctor is lower than 1 °C.

LED does not generate infrared and ultraviolet radiation. Halogen free shadowless lamps cause temperature rise and tissue damage to the wound surface, accelerate wound healing after surgery, and there is no radiation pollution.

The lamp beads are connected by SMT patch plug without welding. The lamp beads are good color rendering performance and excellent color temperature consistency.

### 2. Advanced control system

The LCD button type control is adopted, which can adjust the power switch, illumination, color temperature, lighting mode, etc. to meet the requirements of medical staff for different patients' surgical brightness.

The digital memory function automatically memorizes the appropriate lighting level, and there is no need to debug when it is turned on again.

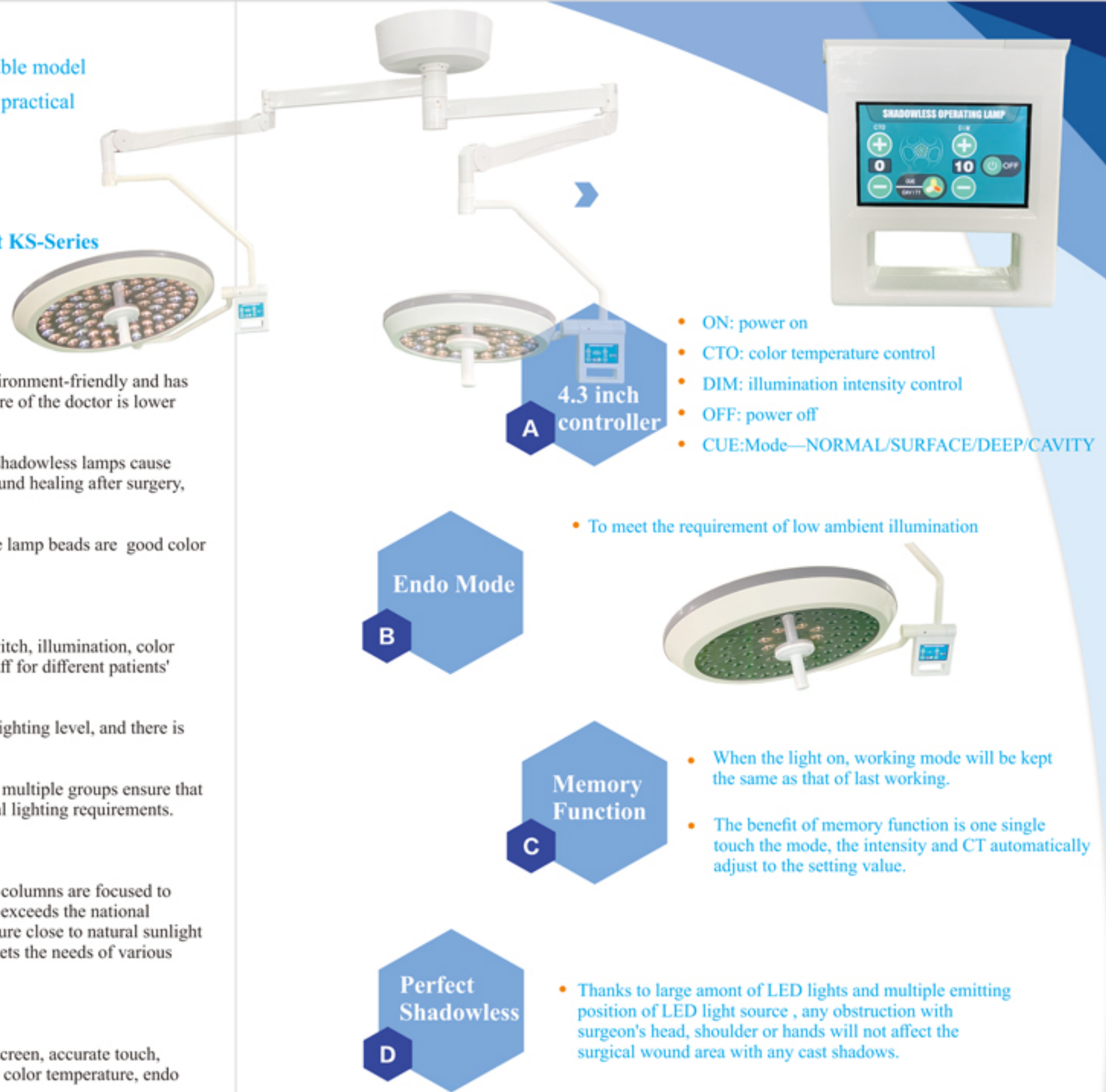
Multiple multiple centralized control methods with the same power and multiple groups ensure that the damage of single channel and single LED does not affect the surgical lighting requirements.

### 3. Excellent depth lighting

The computer aided modular design is adopted, and multiple LED light columns are focused to produce a depth lighting of more than 800mm. The central illumination exceeds the national standard requirements, and the 4000K-5000K color adjustable temperature close to natural sunlight is provided, which truly reflects the color of human tissues and fully meets the needs of various surgical lighting.

### 4. Intelligent shadow control technology

4.3 inch true color high-definition LCD display, highly sensitive touch screen, accurate touch, convenient, long service life. The controllers of lamp heads can control color temperature, endo mode and camera.





# LED Surgical Lamp

## Ceiling- Dual arm



Model: KS-7050 (4.3') / KS-7070 (4.3') / KS-5050 (4.3')



### Satelite Anchoring System

creates a multimedia hub in the heart of the operating room

#### EXPENDABILITY

360 degree rotation pillar,  
revolving diameter>182cm

#### 6-Rotations

6-rotations allow easy  
positioning of the lamp  
beam from any angle

#### FREEDOM OF MOVEMENT

The balance system adopts imported arm  
spring components, which is light in weight,  
easy to handle and accurate in positioning, and  
can provide the largest adjustment range.

Technical Specification	KS-700 Series	KS-500 Seires
Diameter of lamphead	700mm	500mm
Numbers of LEDS	80 LEDS	48 LEDS
LED life span	50,000hrs	
Power supply	AC 110-220V 50/60Hz	
Total power input	70VA	65VA
Central illuminance (Ec)	40kLx-160kLx	40kLx-160kLx
Brightness control	0%-100%	0%-100%
Light field diameter (D10) mm	120-260	120-280
Light field diameter (D50) mm	80-140	100-160
Light spot distribution (D <sub>50</sub> /D <sub>10</sub> )	0.5	0.5
Depth of illumination	800mm	600mm
Color teperature	3500-5000K	3500-5000K
Color rendering index	100 > Ra > 85	100 > Ra > 85
Height of instanllation cm	250-320	250-320
Mouted option	Ceiling (single or dual arm), mobile (with battery or not), wall mounted	



**Model: KS-500 (4.3')**

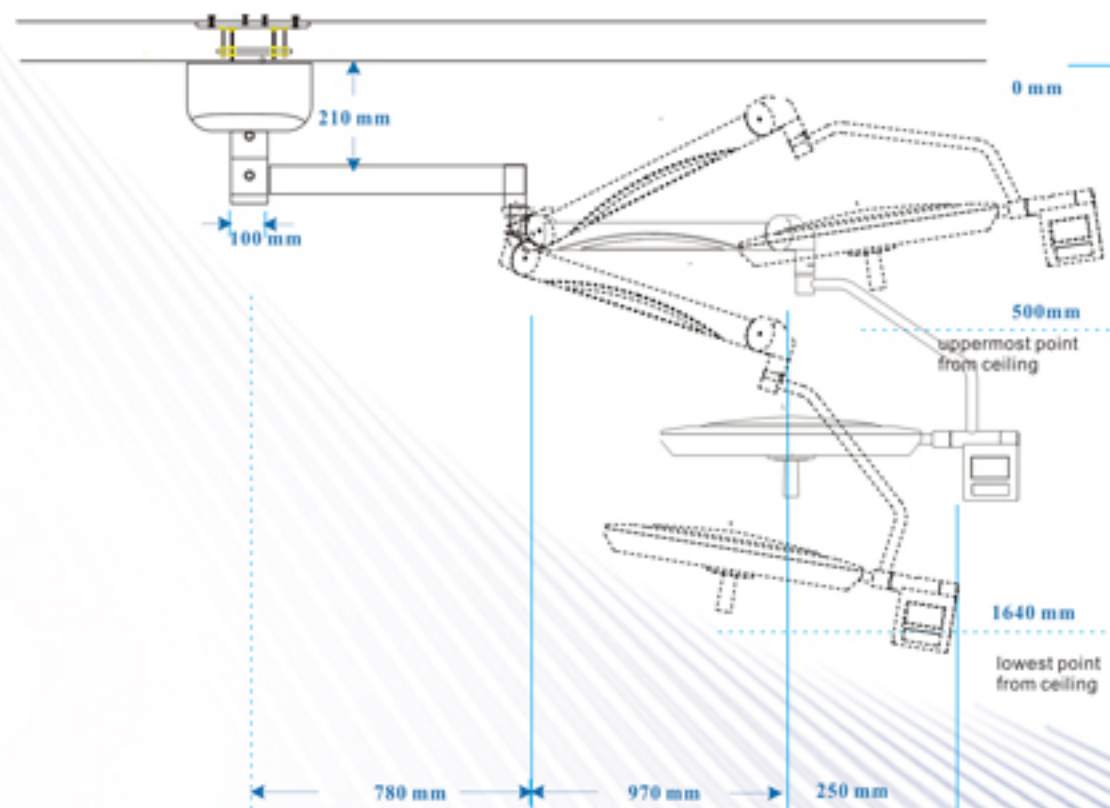


### Large Movement Range

Astralite KS-Series is designed so that the lamp head can be positioned all the way around the couch to examine all parts of the patient.

### 6-Rotations

6-rotations allow easy positioning of the lamp beam from any angle



**Model: KS-700 (4.3')**



### Satelite Anchoring System

Single arm  
creates a multimedia hub in the  
heart of the operating room

Ceiling mounted is recommended for operating theatres and surgeries of reduced dimensions where space saving is required.

### Reliable and Effective

The design of the lighthead shape fulfills the requirement of modern laminar flow OR. It reduces the surface area that impedes the flow of air from the air supply ceiling, resulting in a less turbulent flow underneath the light.

The handle of lighthead can be easily removed for soaking and autoclavable disinfection.



**Operation procedure  
with EASYWELL light**



**Model: KS-700 (4.3'+LB) /  
KS-500 (4.3'+LB)**



**Battery back up (option code:06.08.0010)**

Battery system running automatically  
in case of electricity failure and providing  
continuous energy for >3 hours

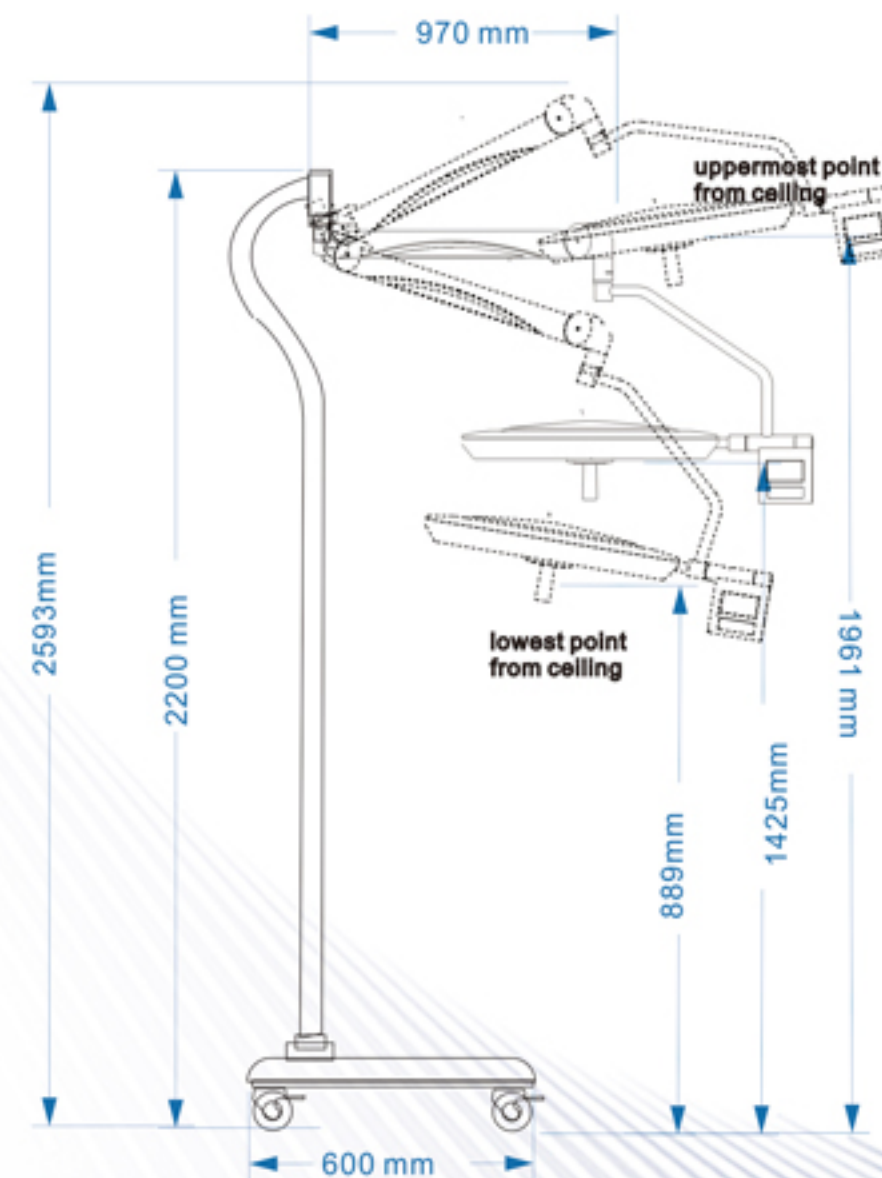


The mobile version guarantees unlimited  
alternatives for use in every room

**Model: KS-700 (4.3'+L) /  
KS-500 (4.3'+L)**

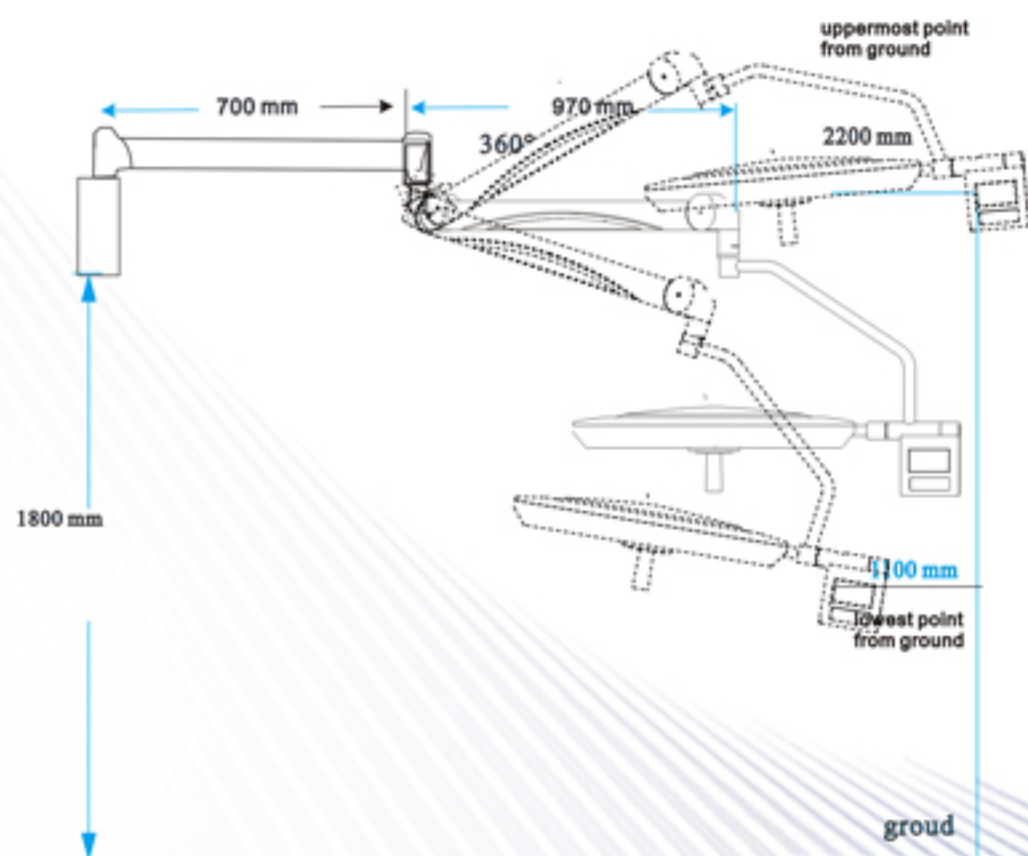


- + The base is mounted on castors so that the lamp can be easily moved to various surgeries.
- + The anti-static castors are equipped with brakes to ensure maximum stability





Model: KS-500 (4.3'+W) / KS-700 (4.3'+W)



Wall mounted is recommended for operating therapies and surgeries of reduced dimensions where space saving is required.

- + The lamp can be folded back against the wall when not in use.
- + The wall-mounted is also recommended when one lamp needs to be shared between two beds (for example, in emergency rooms, recovery rooms, re-animation etc.)

### Vision comfort

High performance for demanding surgeries

### Large illuminated fields

The central illumination ( $E_c$ ) remains constant regardless of the illuminated field diameter.

### Large depth of fields

Suitable for illumination of deep cavities



Operation procedure  
with EASYWELL light