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CE RoHS FC FSC

MEDICAL LAMPS



We are better together
We lighten your hardest operations





Eco-User-Friendly Operating Light

LED Series

Ceiling single: LED500/LED700
dual: LED5050/7050/7070
Mobile: LED500L/700L
Battery: LED500LB/700LB



anudha limited
Medical Equipment

Operation Lamps LED series



The advantage of LED Surgical Light

Economy

Low power consumption and high efficiency of LED light source, provide the measurable economic benefits by reducing maintenance and electric cost

Long life span of LED technology light source, estimated at over 50,000 hours, ten times exceeds conventional light source. There is no frequent replacement of light sources, significantly reducing maintenance and replacement cost.

Environment Protection

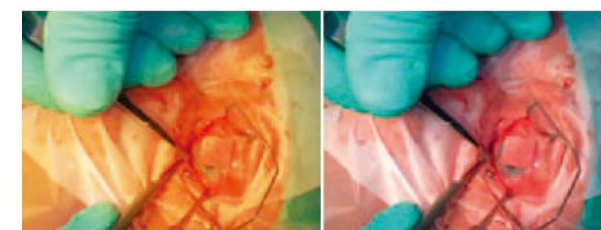
LED light source do not contain any heavy metals like lead or mercury which facilitate their future utilization. LED light sources **does not produce harmful UV radiation**.

Efficiency

LED technology ensures **consistent light distribution** and enables almost shadow-free conditions.

Low heat radiation minimize the temperature increase in the surgeon's head area to imperceptible level.

High light intensity and **color rendering index** facilitates surgeries of especially narrow and deep wounds. The illumination is electronically dimmed to provide optimum illuminations of operating field, together with **focus control**.



Color temperature adjustment enables changing the contrast of observed tissue and reduces fatigue of operating surgeon, which affects the comfort and ergonomics of the medical staff.

By one click, the system changes to **endo-mode** allowing various kinds of endo-surgery.

Adjustable Endo light function reduce eye fatigue in case of endoscopic procedures and reflections on the monitors



OPERATING ROOM

DAY SURGERY



Dual arm Ceiling type



EXPENDABILITY

360° rotation pillar, revolving diameter > 182cm

Model: LED5050/7050/7070



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.



CONTROL ACCURACY

Removable, sterilizable handle can be used to adjust the focus. Manual focus mechanism shows accurate focusing, excellent shadowless and depth the operator intends for every position



Battery back up (option)

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



INTELLIGENT CONTROL

4.3" LCD touchscreen control

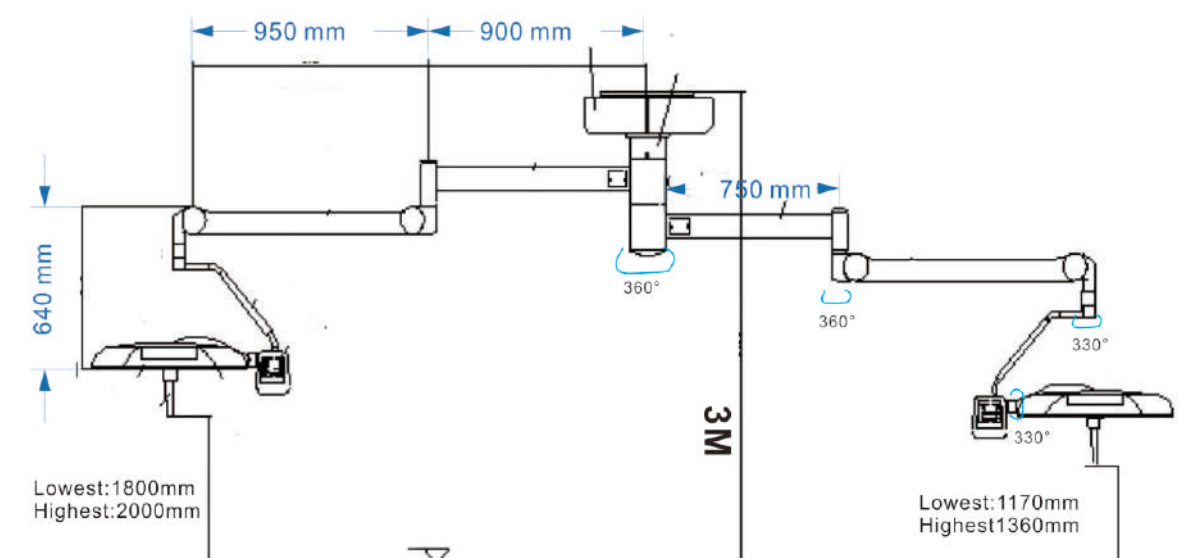
The touch screen displays all functions clearly with integrated visual feedback.

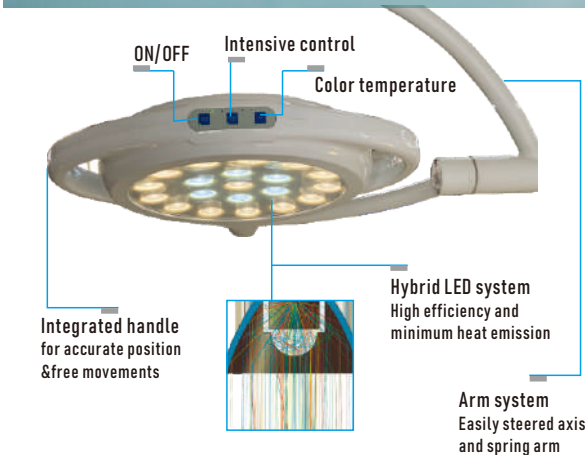
- Switching ON/OFF
- Illumination intensity
- Color temperature adjustment
- Endo-mode
- Standard illumination mode
- Sofer light mode
- Synchronic mode(option)
- Camera model(option)

Synchronic adjustment of more light heads (option)
Light heads adjustments can be synchronised: when adjusting any function of any light head, other light head (s) are adjusted simultaneously.



Technical Specification	LED700 Series	LED500 Seires	LED200 Series
Diameter of lamphead	700mm	500mm	280mm
Numbers of LEDS	80 LEDS	48 LEDS	20 LEDS
LED life span	50,000hrs		
Power supply	AC 110-220V 50/60Hz		
Total power input	70VA	65VA	30VA
Central illuminance (Ec)	40kLx-160kLx	40kLx-160kLx	40kLx-80kLx
Brightness control	0%-100%	0%-100%	0%-100%
Light field diameter (D10) mm	120-260	120-280	130
Light field diameter (D50) mm	80-140	100-160	
Light spot distribution D ₅₀ /D ₁₀)	> 0.5	> 0.5	
Depth of illumination	> 800mm	> 600mm	> 600mm
Color teperature	3500-5000K	3500-5000K	3500-5000K
Color rendering index	100 > Ra > 85	100 > Ra > 85	100 > Ra > 85
Height of instanllation cm	250-320	250-320	250-320
Mouted option	Ceiling (single or dual arm), mobile (with battery or not), wall mounted		





- World-renowned LED technology (20LEDS)
- Energy-efficient, environmentally friendly, and fully recyclable product
- Variable intensity (>48000lux)
- Variable color temperature
- Balance arms for one touch adjustment and a great range of movement.
- Fully positionable light head (Diameter=280mm)



OPERATING ROOM

DAY SURGERY

CLINICAL PROCEDURE



Technical data

Voltage: 110-240v, 50Hz
magnifier: 5X and 10X in one lamphead
Light specification: 36 LEDs (12w)
Brightness control: digital 10 grades
Color temperature function: adjustable
Soft light: 3200-3500 Kelvin
Bright light: 3600-4200 Kelvin
Daylight: 4300-6000 Kelvin

KS-1088 applies ergonomic perfection to support highly demanding visual tasks. With the latest LES's, innovative arm technology and a visual field designed for optimum performance, the KS-1088 illuminated magnifier combines high efficiency with ergonomic design.



MODEL: KS-1088

