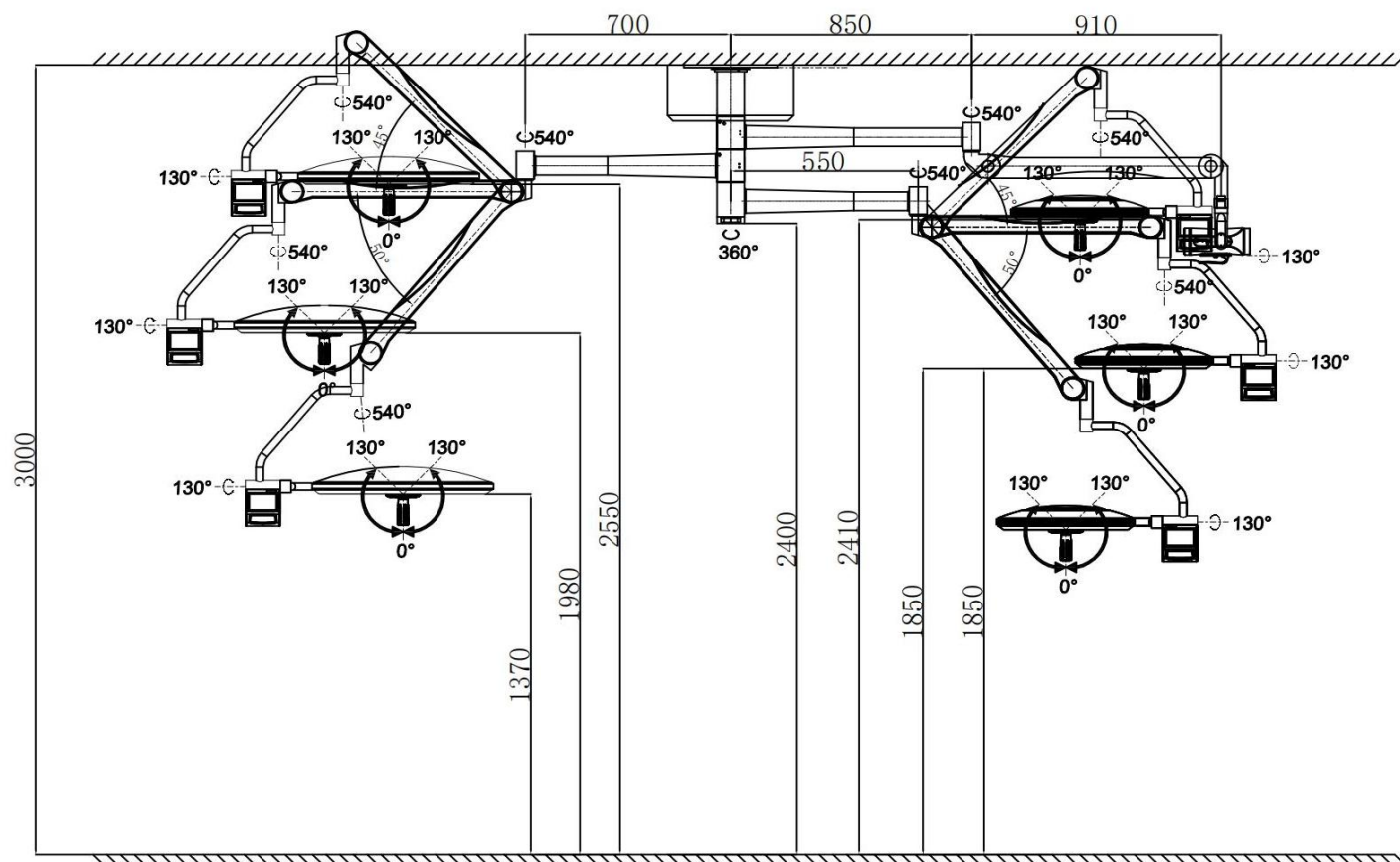


Zeus B230/230

LED surgical shadowless light



Sentek Medical Technology (Shandong) Co., Ltd.

Add: No. 1106, 11/F, Building 2, East East, Haichao Hui Phase I, Jinan District, China (Shandong) Free Trade Pilot Zone

Website : [Http://: www.sentekgroup.com](http://www.sentekgroup.com)

E-mail : frank@sentekmedical.com Mobile : +86 157 0129 6544



If the product specifications have changed, it will not be notified separately.



ISO 13485



ISO 9001

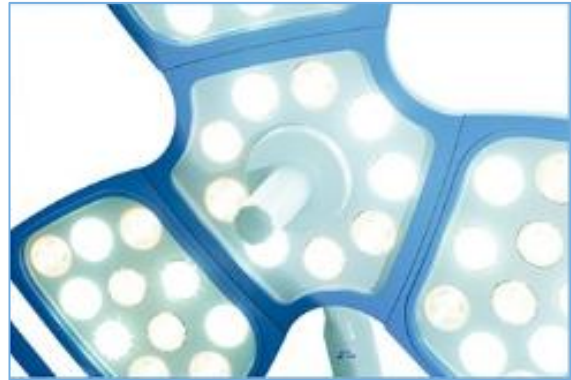


Sentek Medical Technology (Shandong) Co., Ltd.

Excellent color temperature adjustable technology

Provides a color temperature adjustment range of 3000K-5000K suitable for various surgeries to provide the best lighting environment for different surgeries.

For example, when performing liver and gallbladder tissue surgery, warm white light of 3000K-4000K is more suitable to better distinguish various tissue fluids from blood and skin tissue; and for large wound surgeries such as cardiothoracic surgery, positive white light of 4000K-5000K can Provides a brighter lighting effect, which will prevent doctors from visual fatigue even during long-term operations.



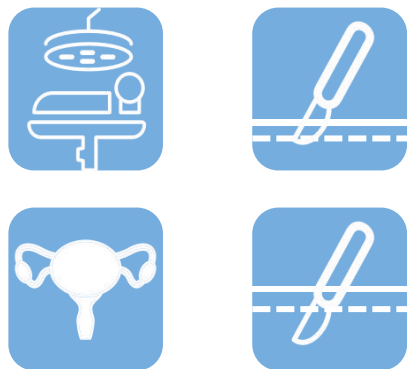
Electronic focusing technology

The ultra-thin blade-type lamp head design makes full use of electronic focusing technology. During use, the light spot of the LED surgical sky shadow light changes smoothly, naturally and uniformly, ensuring the visibility of the surgical field of view to the greatest extent.



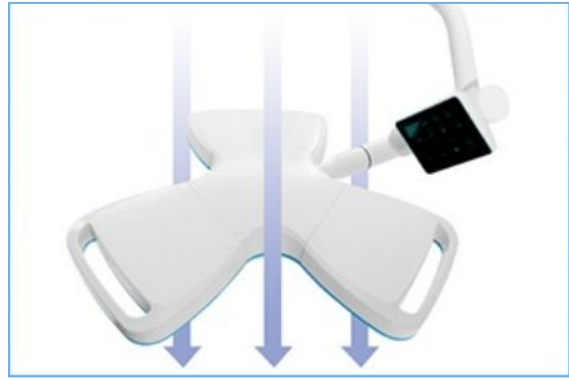
Convenient one-button operation mode

Through advanced PLA control, it is equipped with one-touch normal, deep cavity, superficial, background and other operating modes. By controlling the brightness of each LED, different lighting effects can be achieved to meet doctors' convenient control needs for different surgical lighting.



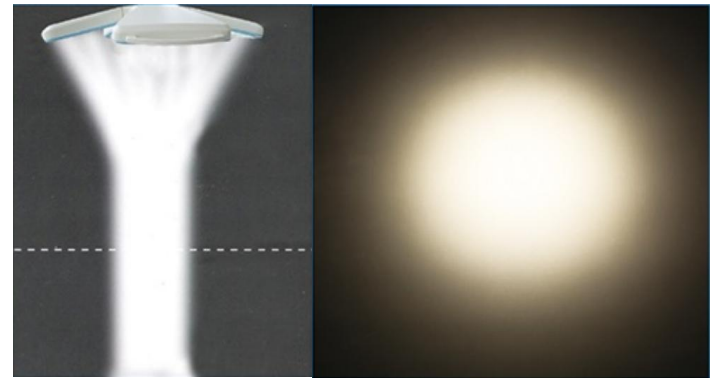
Design that meets laminar flow requirements

The fully enclosed blade lamp head design is derived from aerodynamic design principles and complies with the technical standards for medical air conditioning. It minimizes the impact of the lampshade on laminar air supply and fully meets the high standard laminar flow requirements of clean operating rooms.



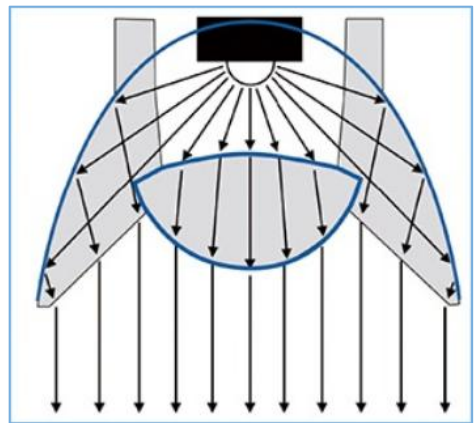
Clear lighting area

Each LED position of the Zeus B230/230 petal lamp head has been carefully optically designed and fully verified. The illumination is uniform and soft, creating the most realistic and clear surgical area for doctors.



Advanced optical system

Each LED is equipped with a lens reflection system that combines the LED beam geometric arrangement with a built-in parabolic reflection lens to provide doctors with a continuous and uniform illumination beam.





Camera system parameters

Central/External HD camera	
Picture Element	2MP
Camera Lens	f=3.8-38mm, F=1.8-3.4
Optical Zoom	20X (12X digital 10X optical)
SINR	> 50dB
Shutter Speed	1/1-1/10000s
Output signal	component signal

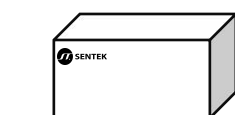
External/Center camera system

- Equipped with both external and central camera systems to meet the needs of remote consultation/teaching, academic sharing, and medical certificate retention;
- The center-mounted high-definition camera can be flexibly rotated (330°) according to surgical needs.

Zeus B230	Number of lamp beads	64
	Color temperature	3000-5000K
	Illuminance	60000-160000Lux
	Color rendering index	98
	Light spot size	180-300
	Illumination depth	1300mm
Zeus B230	Number of lamp beads	64
	Color temperature	3000-5000K
	Illuminance	60000-160000Lux
	Color rendering index	98
	Light spot size	180-300
	Illumination depth	1300mm
	Brightness level dimming	10 levels of dimming
	LED lamp bead life	≥ 60000h
	LED lamp bead brand	OSRAM 3030

Shadow-freerate of singleshading plateis	85%
Single light-shielding platedeep cavityshadow-freerate is	73%
Double shadingplate shadow-free rate	68%
Double light-shielding platedeep cavityshadow-freerate	57%

Package Size



Double arm swivel base



Lamp head-1



Lamp head-2

Lamp head-1	94x94x30cm	0.265m ³	29KG
Lamp head-2	94x94x30cm	0.265m ³	29KG
Double arm swivel base	106x62x38cm	0.25m ³	72KG

Outer packaging material: Fumigation-free wooden box

Double arm swivel base Stacking limit: 3