

# SPARX LED 04-05 LED Surgical Light

As an innovator and a pioneer in modern shadowless operation light industry, Heal Force incorporates LED (Light Emitting Diode) and Beam Sharper technologies into product development. has a comprehensive understanding of operation room, and can therefore offer better LED surgical lights, which are comfort and cost-saving.

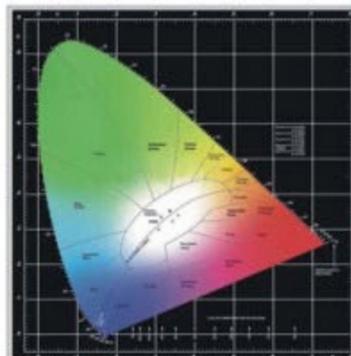


## Optical Efficiency

The light spectrum focus on the visible frequencies, the efficiency can reach 80% -90%.

## Hollowing Design

Unique hollowing design, clean air can reach the surgical field directly, fulfill the purification effect of laminar flow.



## Low temperature

Almost no infrared and ultraviolet spectra, low temperature in surgical filed after long-lasting operation.

## Streamlining Surfaces

Follow the "teardrop" shape from the international wind resistance standards, SPARX LED 04 - 05 is highly expressive with integrated aesthetic and technological factors effectively, to reduce turbulence and resistance of the light.



## Beam Shaper Technology

Independent Condenser Combination for each LED bulb, to control the LED light precisely, eliminate glare while ensuring maximum output by the double reflection system.

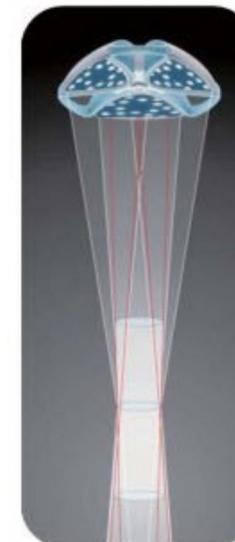
## Adjustable facula size and optical Focal length

Adjustable focus handle controls projection angle of LED light, and adjusts facula size and optical Focal length easily.



## No Environmental Pollution

The light is stimulated by light-emitting diode, heavy metals free, without pollution to environment.



## Bulb

Average life span is up to 50,000 hours or more.

## Traditional Lamp

Comparing to disk-shaped design of the traditional lamp, the triangular shape reduces hindering area by 30%, improve the purification effectively.



## Light intensity

Great optical performance, the luminance ranges form 100,000~160,000Lx easily.

## Circuit

Long-life and stability circuit supports multi-level dimming

## Camera System (Optional)

For convenience of different customers, there are 3 choices of high sensitive and definition and interference-resistant digital camera systems: built-in, arm-mounted and wall-mounted.



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### Technical Specifications

Type	SPARX LED 04-05
Luminance (Lux)	1,30,000 X 2
Color Temperature (Kelvin)	3500-5500K (variable)
Light Field Diameter (cm)	18~30cm
Focusing Depth (cm)	≥60
Color Rendering Index (Ra)	97
Working Range (cm)	55~170
Power Supply	220V( ±10%) 50Hz or 110V( ±10%) 60Hz
Intensity (adjustable)	10-100%

### Surgery Shadowless Lamp



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