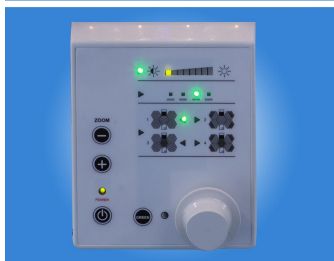
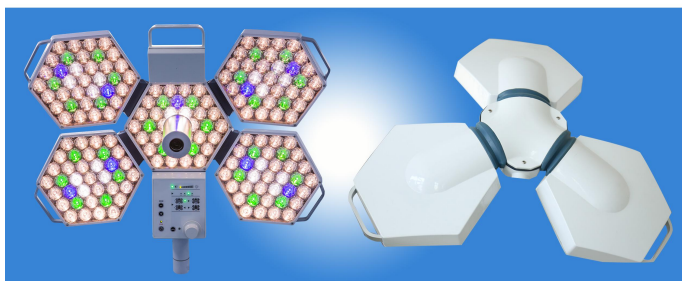


HF MED[®]

SY02-LED3+3 (Adjust color temperature) (LED)Shadowless Operating lamp

Thanks to their great performance and outstanding energy efficiency, the use of LEDs to illuminate demanding environments is becoming ever more common. Compared to conventional lamps, light emitting diodes have a whole range of technological, economic and ecological advantages: low heat generation, minimal power consumption and an almost unlimited life expectancy. SY02-LED combines these characteristics. The result: unparalleled performance.



HF MED[®]

YOUR IDEAL OPERATING TABLE SUPPLIER

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Official QR code



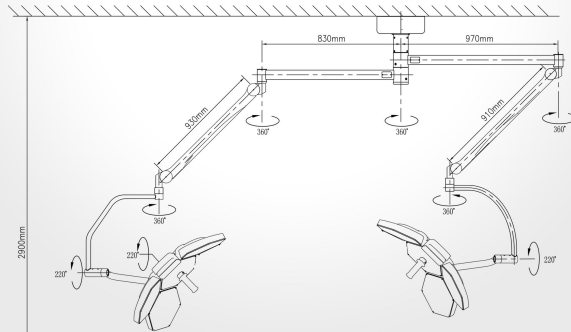
SY02-LED3+3
(Adjust color temperature)
(LED)Shadowless Operating lamp

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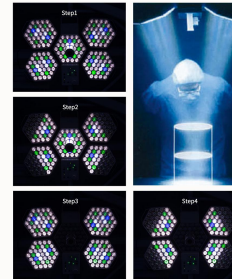
SY02-LED3+3



SY02-LED3+3

Adjustable lighting depth

During deep surgery, superficial tissues may block part of the illumination light, there by forming partial shadows in the surgical area. When the SY02-LED5 shadowless lamp is set to the deep illumination mode, the system will automatically extinguish the invalid LED light source and selectively automatically increase the brightness of the effective LED light source to repair the shadows, thereby providing deep shadowless lighting that is 20% brighter than the traditional shadowless lamp.



Adjustable illumination height: multi-lens light source matrix design to achieve surface and deep illumination effects

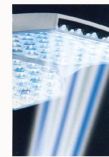
The SY02 series of LED shadowless lamps are composed of 5 or 3 multi-lens light source matrices. Each multi-lens light source matrix contains a certain number of LED (light emitting diode) light sources, and each LED light source can emit light individually and through its own Reflected by the reflective surface, and then pass through the convergent optical lens to form light domains with different focus positions in the surgical area. The combination of these light domains achieves super-strong and uniform illumination effects on the surface and deep, which can meet the needs of various operations.



SY02-LED5 surgical shadowless lamp with 184 LED light sources



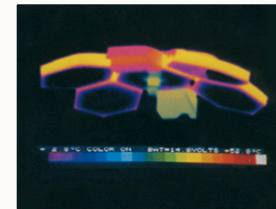
Uniform wide-area lighting area



Multi-lens light source moment Chen

Main Technical Data

SY02-LED3+3 (Adjust color temperature)(LED)Shadowless Operating lamp	
Illuminance	≥120,000Lux ≥120,000Lux
Colour temperature	3500±200K/4000±200K/4500±200K/5000±200K
Colour reduction index(Ra)	96
Illuminance depth	1020mm/1020mm
Total irradiance	380W/m²/380W/m²
Size of light field	200-350mm
Lowest height of installation	2900mm
Rated power of bulb	3.2V/1W
Service life of illuminan	≥50,000h
Power supply voltage	AC110-240V,50/60Hz
Total LED bulb quantity	220 pcs
Total power consumption	140W



Illuminated surface temperature rise

The LED light source does not produce infrared rays, and the ratio of Ee to Ec is $2 \leq \frac{E_e}{E_c} \leq 4$. At the same time, the extremely low temperature rise of the operation area also avoids the loss of body fluid caused by the temperature rise of the patient's surgical site during the operation. It solves the problem of incision healing caused by the higher temperature rise of ordinary shadowless lamps.