

PRODUCT INSTRUCTION

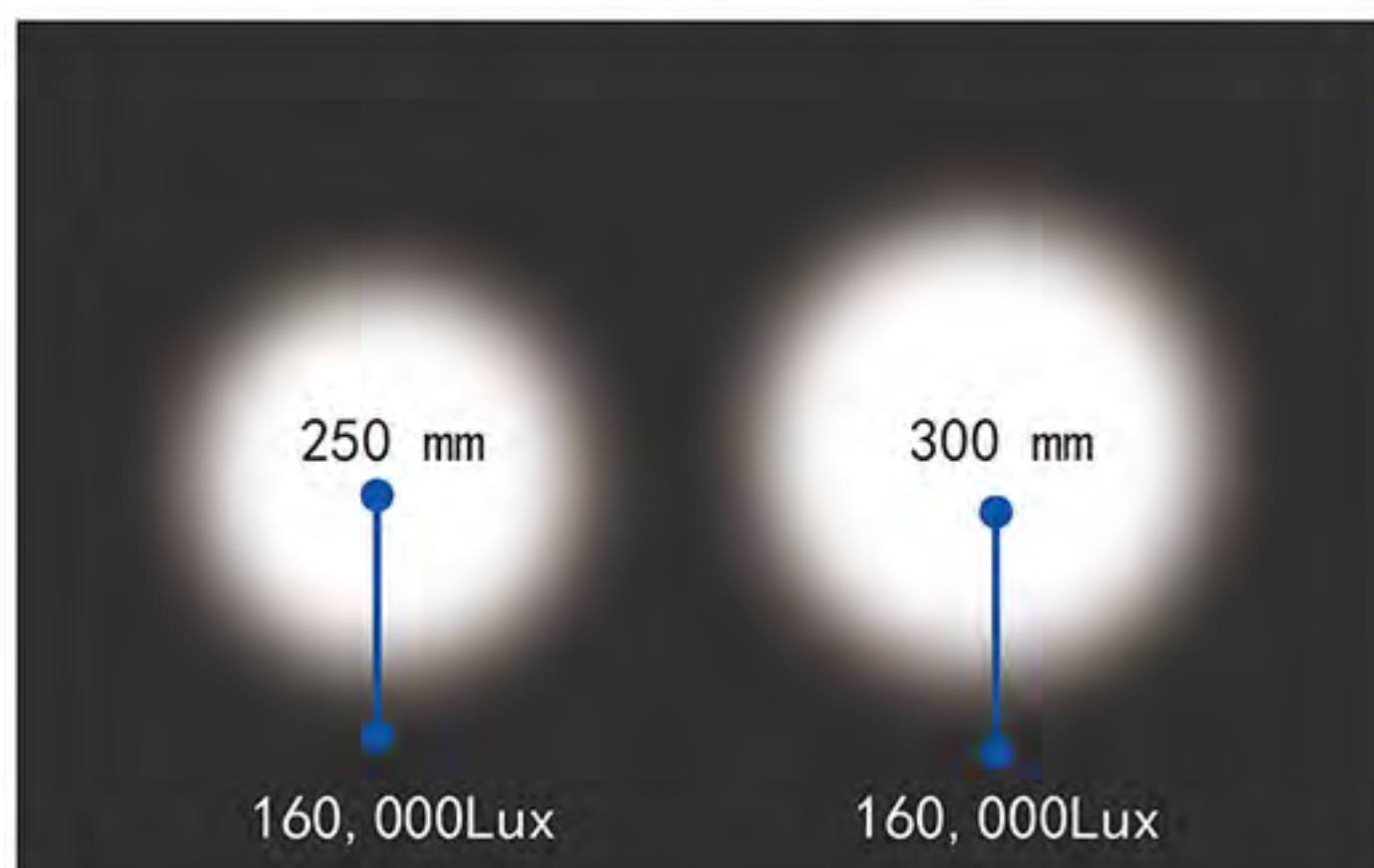
**LED SERIES
SHADOWLESS OPERATING LAMP**

- Precise**
Uniform, homogeneous lighting in surface and deep cavity procedures thanks to 700/500LED's innovative shadow control.
- Simple**
Our ergonomic, sterile operating concept allows for the simple and flexible control of all functions by the surgical team.
- Durable**
Almost unlimited LED life expectancy delivers tremendous product reliability and investment protection.
- Efficient**
Environmentally proactive: low power consumption and durable LEDs minimize the impact on our precious resources.



700/500LED Excellent Lighting Effect

700/500LED series shadowless lamp is composed of six light bulbs. The unique high-performance lens ensures that the best operating area lighting up to 160,000 lux can be achieved within the adjustable range of the spot. The maximum illuminance can be achieved within the spot adjustment range, which not only meets the requirement for large spot high illumination in open major surgery such as cardiothoracic surgery, but also meets the small spot high illumination requirements required for routine minor operations such as urology and gynecology. The single surgical lamp contains up to 108 LED light sources, achieving super-strong, uniform illumination at 1400mm depth.



700/500LED Color Temperature Technology

Guaranteed Color Rendering Index by Reliable Beam Synthesis Control Technology. In the case of 97, the color temperature is adjustable between 3800K-5000K. The surgeon can adjust according to his or her habits or different surgical sites. Color temperature to achieve the desired tissue contrast for optimal grouping. Weave resolution. In addition, when doctors perform long or night surgery, can cause visual fatigue, increase color temperature gradually to increase attention force.



700/500LED Endoscope Mode

The surgical light is equipped with a one-button endoscope illumination mode that allows the surgeon to quickly switch from the general lighting mode. Provides soft lighting for dark environments and does not interfere with the doctor's field of vision and observation of tissue during endoscopic surgery.



Ideal Conformity To purification Requirements

The operating room must strictly comply with air purification standards. The unique aerodynamic shape of the 700/500LED series shadowless lamp greatly reduces the area of the lamp cap that blocks the flow of purified air. This minimizes the air flow under the lamp that affects the purifying effect and therefore has the best laminar flow.



PRODUCT MODEL



500/500 LED
Adjust color temperature



700/500 LED
Adjust color temperature



700/700 LED
Adjust color temperature



500 LED
Adjust color temperature



700 LED
Adjust color temperature

700/500 SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Total irradiance	Size of light field	Service life of illuminant	Power supply voltage	Best height of installation	Total power consumption	Total LED bulb quantity	ENDO
500 / 500 LED	≥140,000Lux ≥140,000Lux	3800±500K 4400±500K 5000±500K	93	534 W/m² 534 W/m²	250~300mm	50,000h	AC110-240V 50/60Hz	2900mm	60W 60W	144pcs (12*6+12*6)	YES
700 / 500 LED	≥140,000Lux ≥160,000Lux	3800±500K 4400±500K 5000±500K	93	544 W/m² 534 W/m²	250~300mm	50,000h	AC110-240V 50/60Hz	2900mm	60W 80W	180pcs (18*6+12*6)	YES
700 / 700 LED	≥160,000Lux ≥160,000Lux	3800±500K 4400±500K 5000±500K	93	544W/m² 544W/m²	250~300mm	50,000h	AC110-240V 50/60Hz	2900mm	80W 80W	218pcs (18*6+18*6)	YES
500 LED	≥140,000Lux	3800±500K 4400±500K 5000±500K	93	534W/m²	250~300mm	50,000h	AC110-240V 50/60Hz	2900mm	60W	72pcs (12*6)	YES
700 LED	≥160,000Lux	3800±500K 4400±500K 5000±500K	93	544W/m²	250~300mm	50,000h	AC110-240V 50/60Hz	2900mm	80W	108pcs (18*6)	YES

Two color options for the mask in the lamp head



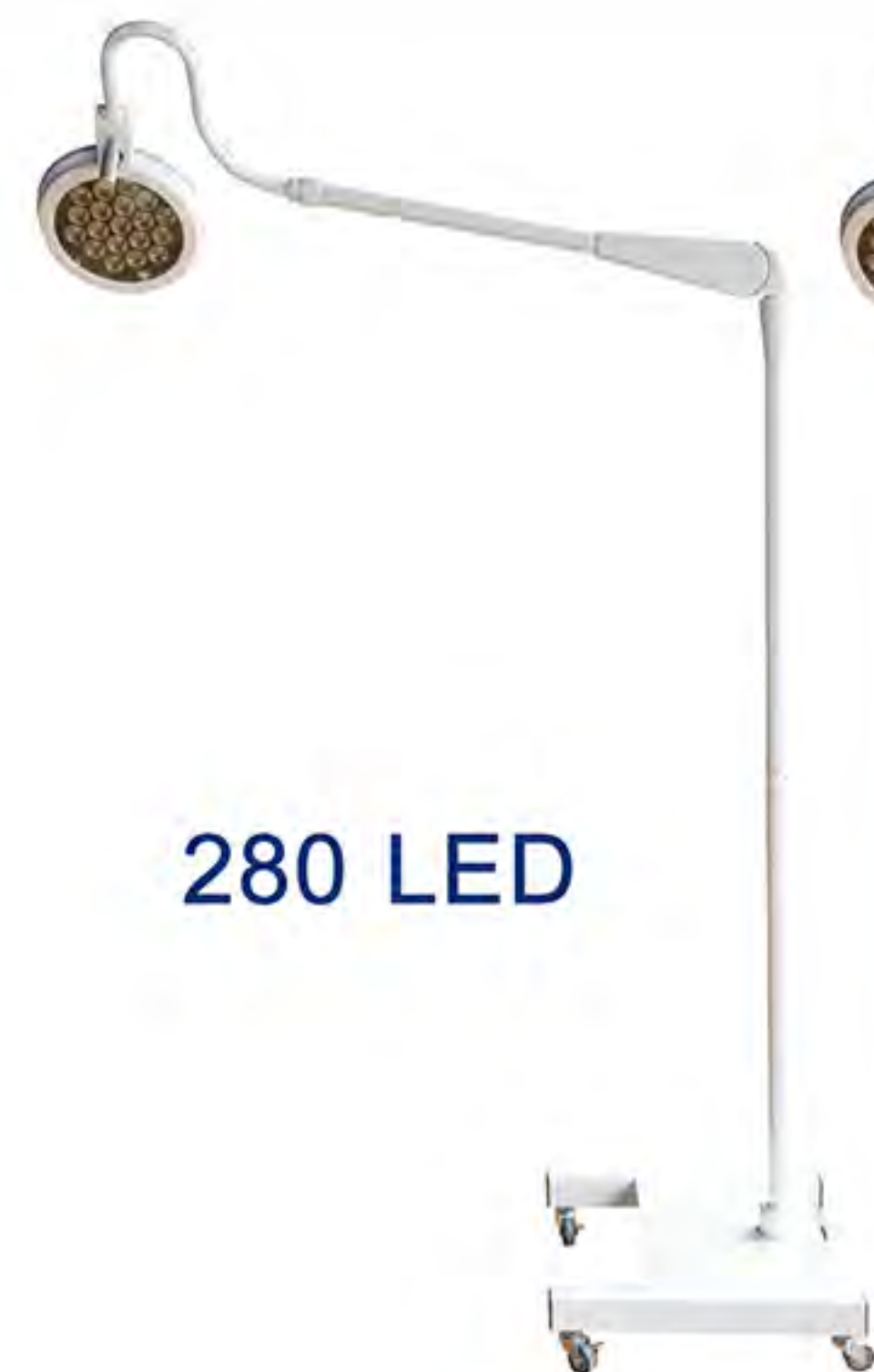
PRODUCT MODEL



700S LED



700E LED



280 LED



280E LED



280C LED



280W LED



500S LED



500E LED

700 500 280 LED SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Total irradiance	Size of light field	Service life of illuminant	Power supply voltage	Brightness adjustment	Total power consumptio	Total LED bulb quantity	Emergency time	ENDO
700S LED	≥160,000Lux	3800±500K 4400±500K 5000±500K	93	544W/m ²	250~300mm	50,000h	AC110-240V 50/60Hz	Automatic8-stage continuous light adjustment	80W	108pcs (18*6)	/	YES
700E LED	≥160,000Lux	3800±500K 4400±500K 5000±500K	93	544W/m ²	250~300mm	50,000h	AC110-240V 50/60Hz	Automatic8-stage continuous light adjustment	80W	108pcs (18*6)	≥6 hours	YES
500S LED	≥140,000Lux	3800±500K 4400±500K 5000±500K	93	534W/m ²	250~300mm	50,000h	AC110-240V 50/60Hz	Automatic8-stage continuous light adjustment	60W	72pcs (12*6)	/	YES
500E LED	≥140,000Lux	3800±500K 4400±500K 5000±500K	93	534W/m ²	250~300mm	50,000h	AC110-240V 50/60Hz	Automatic8-stage continuous light adjustment	60W	72pcs (12*6)	≥6 hours	YES
280 LED	≥50,000Lux	4000±500K	97	171W/m ²	150mm	50,000h	AC110-240V 50/60Hz	/	20W	19pcs	/	
280E LED	≥50,000Lux	4000±500K	97	171W/m ²	150mm	50,000h	AC110-240V 50/60Hz	/	20W	19pcs	≥2 hours	
280C LED	≥50,000Lux	4000±500K	97	171W/m ²	150mm	50,000h	AC110-240V 50/60Hz	/	20W	19pcs	/	
280W LED	≥50,000Lux	4000±500K	97	171W/m ²	150mm	50,000h	AC110-240V 50/60Hz	/	20W	19pcs	/	