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2018
PRODUCT CATALOG



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LED Series Shadowless Operating Lamp YD Series Cold Light Operating Lamp Operating Table Pendant Small-Scale Operating Lamp

ZF Series Shadowless Operating Lamp Air Cushion Bed-Oxygen Breathing Bag Pneumatictourniquet - Electric pneumatic hemostat

SHANGHAI HUIFENG MEDICAL INSTRUMENT CO.,LTD.

INTRODUCTION

Situated in Pudong Development Zone, Shanghai Huifeng Medical Instrument Co., Ltd. specializes in the manufacturing of medical equipments. During the past more than two decades, the Company has been developed into a high-tech enterprise with rich experience in scientific research, development, manufacturing and sales of medical equipments.

The company keeps to the concept of being oriented by science and technology and taking quality as life. Now the company has passed the certification of ISO9001:2008, ISO13485:2012, CE, SGS and FDA. It has been evaluated as good-faith enterprise in the medical industry in Shanghai. The company has been honored with the certificate of Class A rating for contract credit in Shanghai Municipality. Over these years, unremitting efforts of all staff members enables professional manufacturing of LED Series Shadowless Operating Lamp, ZF Series Shadowless Operating Lamp, YD Series Cold Light Operating Lamp, HF Series Operating Table, HFP Series Pendant, YD Series Oxygen Bag, YD Series Air Cushion Bed, DZ Series Electrical Pneumatic Hemostat and YXF-420 Sterilizer. All has its domestic sales amount coming out at the top and some products have ready sale in Southeast Asia. Its products can be found in all the domestic markets in China and also are sold abroad.

“Quality first, Credit first, Service first” is our tent.

Huifeng are looking forward to sincere cooperation with you. Let's advance and pursue a wonderful future by mutual efforts.



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上海汇丰医疗器械有限公司
SHANGHAI HUIFENG MEDICAL INSTRUMENT CO., LTD.

PRODUCT MODEL



YD02-LED3+4
Adjust color temperature



YD02-LED3
Adjust color temperature



YD02-LED4
Adjust color temperature



YD02-LED4+4
Adjust color temperature



YD02-LED3+3
Adjust color temperature

YD02-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	Lowest height of installation	Total power consumption	Total LED bulb quantity
YD02-LED3+4	≥140,000Lux ≥160,000Lux	3800±300K 4300±300K 4800±300K	96	380W/m ² 510W/m ²	150 ~ 200mm	50,000h	AC110-240V 50/60Hz	2900mm	140W	133pcs (19'3"+19'4") LED4 ENDO:8pcs
YD02-LED4+4	≥160,000Lux ≥160,000Lux	3800±300K 4300±300K 4800±300K	96	510W/m ² 510W/m ²	150 ~ 200mm	50,000h	AC110-240V 50/60Hz	2900mm	140W	152pcs (19'4"+19'4") ENDO:8pcs
YD02-LED3+3	≥140,000Lux ≥140,000Lux	3800±300K 4300±300K 4800±300K	96	380W/m ² 380W/m ²	150 ~ 200mm	50,000h	AC110-240V 50/60Hz	2900mm	140W	114pcs (19'3"+19'3")
YD02-LED3	≥140,000Lux	3800±300K 4300±300K 4800±300K	96	380W/m ²	150 ~ 200mm	50,000h	AC110-240V 50/60Hz	2900mm	100W	57pcs (19'3")
YD02-LED4	≥160,000Lux	3800±300K 4300±300K 4800±300K	96	510W/m ²	150 ~ 200mm	50,000h	AC110-240V 50/60Hz	2900mm	100W	76pcs (19'4") ENDO:8pcs

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	Lowest height of installation	Total power consumption	Total LED bulb quantity
500 /500 LED	≥120,000Lux ≥120,000Lux	3800±500K 4400±500K 5000±500K	95	390W/m² 390W/m²	160~280mm	50,000h	AC110-240V 50/60Hz	2900mm	60W 60W	144pcs (12*6+12*6)
700 /500 LED	≥120,000Lux ≥140,000Lux	3800±500K 4400±500K 5000±500K	95	390W/m² 450W/m²	160~280mm	50,000h	AC110-240V 50/60Hz	2900mm	60W 80W	180pcs (18*6+12*6)
700 /700 LED	≥140,000Lux ≥140,000Lux	3800±500K 4400±500K 5000±500K	95	450W/m² 450W/m²	160~280mm	50,000h	AC110-240V 50/60Hz	2900mm	80W 80W	218pcs (18*6+18*6)
500 LED	≥120,000Lux	3800±500K 4400±500K 5000±500K	95	390W/m²	160~280mm	50,000h	AC110-240V 50/60Hz	2900mm	60W	72pcs (12*6)
700 LED	≥140,000Lux	3800±500K 4400±500K 5000±500K	95	450W/m²	160~280mm	50,000h	AC110-240V 50/60Hz	2900mm	80W	108pcs (18*6)

PRODUCT MODEL



700S LED



700E LED



280 LED



280E LED



280C LED



280W LED



500S LED



500E LED

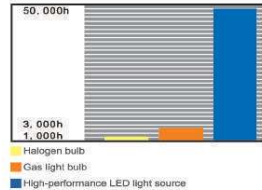
700 500 280 LED SERIES TECHNICAL DATA

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
700S LED	≥140,000Lux	3800±500K 4400±500K 5000±500K	95	450W/m²	160~280mm	50,000h	AC110-240V 50/60Hz	Automatic8-stage continuous light adjustment	80W	108pcs (18*6)	/
700E LED	≥140,000Lux	3800±500K 4400±500K 5000±500K	95	450W/m²	160~280mm	50,000h	AC110-240V 50/60Hz	Automatic8-stage continuous light adjustment	80W	108pcs (18*6)	≥3 hours
500S LED	≥120,000Lux	3800±500K 4400±500K 5000±500K	95	390W/m²	160~280mm	50,000h	AC110-240V 50/60Hz	Automatic8-stage continuous light adjustment	60W	72pcs (12*6)	/
500E LED	≥120,000Lux	3800±500K 4400±500K 5000±500K	95	390W/m²	160~280mm	50,000h	AC110-240V 50/60Hz	Automatic8-stage continuous light adjustment	60W	72pcs (12*6)	≥3 hours
280 LED	≥50,000Lux	4000±500K	97	171W/m²	150mm	50,000h	AC110-240V 50/60Hz	/	20W	19pcs	/
280E LED	≥50,000Lux	4000±500K	97	171W/m²	150mm	50,000h	AC110-240V 50/60Hz	/	20W	19pcs	≥2 hours
280C LED	≥50,000Lux	4000±500K	97	171W/m²	150mm	50,000h	AC110-240V 50/60Hz	/	20W	19pcs	/
280W LED	≥50,000Lux	4000±500K	97	171W/m²	150mm	50,000h	AC110-240V 50/60Hz	/	20W	19pcs	/

PRODUCT INSTRUCTION

ZF720 LED SERIES SHADOWLESS OPERATING LAMP

- ZF720 LED series shadowless Operating lamp can widely be used in diversified operation occasion to meet the demand of the illumination, and it is the ideal illumination instrument of the modern operating theater.
- The Whole reflection optical system is made by CAD/CAM technology, its illumine depth is up to 1300mm ;by using color temperature compensation technology, the color reversion is uprised, and it is more suitable for the illumination of the complex surgery such as encephalon surgery and thorax surgery.
- Micro computer digital control, with 8 shifts luminance for selection and it offers illuminance memory function and wide voltage working speciality, can work stably under AC 150V~250V, with strong anti-jamming capacity.
- Full close streamline lamp body design completely meets the demand of the sterilization and high standard of laminar flow purification in the operation room.
- The panel is made of German PC (anti-bullet plastic) by injection moulding, makes the light softer and more reliable.
- Focusing system has a delicate structure, and easy to change bulb and the ceramic seat; detachable handle cover can take high temperature (≤134°) sterilization treatment.
- All the key parts use the world famous products, ensure stable and reliable operation; flame retardant level material can endure high temperature and safe, meets IEC norm.
- Equipped with imported balance arm suspension system, which is light and handy, six group joints move together and moves smoothly, positions stably. 360° universal design can satisfy various needed height and angle in the operation.
- Top-built (bottom board) power supply system, avoid troubles in installation of hang-on-wall control box.
- LED light source life of up to 50,000 hours or more, with an average life of an ordinary light shadowless lamp halogen 50 times, and each LED can be individually replaced, to ensure maximum use of economy.



Optimized laminar flow purification,sterilization, mirror face design and back-up bulb replacement

- Full closed streamline lamp head which is designed according to aerodynamics is helpful to laminar flow purification and application of sterilization in the operating room, this can reduce the risk of operation infection.
- The pervious glass at the bottom of lamp head is made of anti-shock and anti-disinfectant material. This pervious glass is durable and easy cleaning, and won't be effected by radiation , cleanceance and long time use.
- The sterilization handle can move up and down, revolve the lamp head and adjust the focus. It can be detached after operation and steeped in the liquid or by high temperature high pressure sterilization
- The operating lamp adopts automatic monitor and back-up bulb automatic replacement system which can supply the illuminance during the whole operation, it won't affect the operation. When change the bulb, you just need to unscrew the three screws of the handle body and detach it, it is easy to replace the bulb. The handle body is equiped with convenient and sterilizing handle.
- Multi-lens reflecting system is designed by computer professional technology, there are more than 3800 pieces multi-lens reflecting system which makes the light beam focus as a high illuminance symmetrical light cylinder.



Natural operation color temperature

The CRI for natural light is 100. The CRI of ZF720 LEDseries integral reflecting shadowless operating lamp is 93,which is very near natural light. It can help the surgeon to distinguish the color of operating region(including blood vessel and nerve tract),it can help to distinguish the tissues of body clearly.

Advanced digital integrated circuit control panel

- It has functions of swith, intensity adjustment and back-up bulb test; Also has functions of 8-shift intensity selection and intensity memory.LED intensity indicative bar can show the needed intensity in the operation intuitively.
- It has characteristic of wide power working, which can work stably between AC180V-250V with high anti-interference ability.



PRODUCT MODEL



ZF720/720 LED

ZF720 LED

ZF720LED Series Technical Data

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Lamp head diameter	Rated power of bulb	Service life of illuminant	Power supply voltage	Lowest height of installation
ZF720/720 LED	≥140,000/ ≥140,000Lux	4300±200K	93/93	1050mm/ 1050mm	426W/m²/ 426W/m²	160-280mm	720mm	37V/50W	≥50,000h	AC110-240V, 50/60Hz	2900mm
ZF720 LED	≥140,000Lux	4300±200K	93	1050mm	426W/m²	160-280mm	720mm	37V/50W	≥50,000h	AC110-240V, 50/60Hz	2900mm

PRODUCT INSTRUCTION

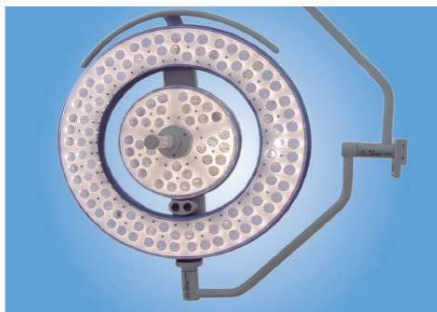
**LED SERIES
SHADOWLESS OPERATING LAMP**

- **Precise**
Uniform, homogeneous lighting in surface and deep cavity procedures thanks to LED760'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.



LED760 SERIES LEADING-EDGE LIGHTING TECHNOLOGY

LED760 series shadowless LED light has 3 groups source composed. One group consisting of 16 groups of light sources, each light source includes six LED (light emitting diode) light source. One of groups consisting of 5 sets of light sources, each light source comprises 7 LED (light emitting diode) light source. Another group of light sources comprises 2 LED (light emitting diode) light source (endoscope mode). Each individual LED light source can emit light and reflected by the respective reflecting surfaces, and then the focus position of the light field in different convergent optical lens is formed through the surgical area, the combination of the optical domain to achieve a superior surface and deep and uniform lighting effect to meet a variety of surgical needs.



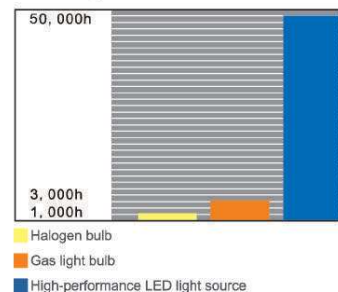
UNMATCHED SHADOW MANAGEMENT OPTIMIZES CONCENTRATION AND SURGICAL TEAM EFFICIENCY

The 760LED series's overlapping fields of light and multiple patterns - selectable based on the surgical situation - minimize shadows and redirect the full selected intensity to the surgical site. The result is up to 20% more light in deep cavity situations.



Long life lighting

LED light source life of up to 50,000 hours or more, with an average life of an ordinary light shadowless lamp halogen 50 times, and each LED can be individually replaced, to ensure maximum use of economy.



- ⊙ Adjust Illuminance depth Mode 1;
- ⊙ Adjust Illuminance depth Mode 2;
- 📷 Camera Mode: The camera function is reserved for satisfied with upgrade in future. Control the camera location and focus.
Camera Specification: Definition:1080P, Zoom: 10 times



ENDO 3000Lux;

OPTIMIZED AIR FLOW DESIGN FOR BETTER HYGIENE

With its open design and superior ventilated ceiling tolerance, 760LED ensures that perfect operating conditions are created and hygienic requirements are fulfilled. The airflow surface under the ventilated ceiling is minimized and the reduced heat generation ensures a low turbulence displacement stream under the light head.



Perfect Cold Light Effect

LED light source does not produce infrared, the temperature rise above surgeon's head is less than 2°C, meanwhile very low temperature rise above the operation field avoids the patients' fluid loss. Thus solve the problem of unsatisfactory wound healing because of higher temperature rise produced by ordinary operating lamp



PRODUCT MODEL



PRODUCT MODEL



LED760 Series Technical Data

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Lamp head diameter	Rated power of bulb	Service life of illuminant	Power supply voltage	Brightness adjustment	Lowest height of installation
LED760/760	≥150,000/ ≥150,000 Lux	4500±200K	96/96	1150mm/ 1150mm	510W/m²/ 510W/m²	180-260mm	760mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	2900mm
LED760	≥150,000 Lux	4500±200K	96	1150mm	510W/m²	180-260mm	760mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	2900mm

OTHER CHOOSE
LED300/760 On Ceiling

YD300 LED Series Technical Data

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Lamp head diameter	Rated power of bulb	Service life of illuminant	Power supply voltage	Brightness adjustment	Emergency time
YD300 LED	≥70,000 Lux	4800±300K	92	840mm	420W/m²	140mm	380mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz	Automatic5-stage continuous light adjustment	/
YD300E LED	≥70,000 Lux	4800±300K	92	840mm	420W/m²	140mm	380mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz	Automatic5-stage continuous light adjustment	≥7 hours

OTHER CHOOSE
YD300/300 LED On Ceiling
YD300 LED On Ceiling

PRODUCT DESCRIPTION

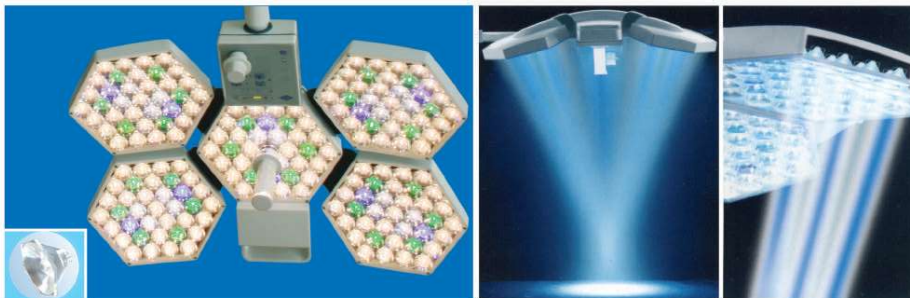
LED SERIES SHADOWLESS OPERATING LAMP

- Precise**
 Uniform, homogeneous lighting in surface and deep cavity procedures thanks to SY02-LED'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.



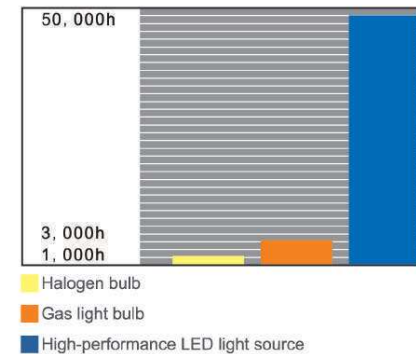
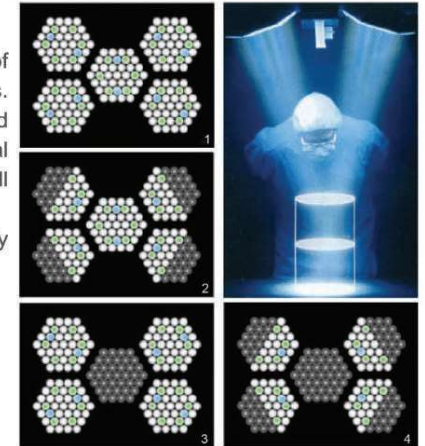
SY02-LED SERIES LEADING-EDGE LIGHTING TECHNOLOGY

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.



UNMATCHED SHADOW MANAGEMENT OPTIMIZES CONCENTRATION AND SURGICAL TEAM EFFICIENCY

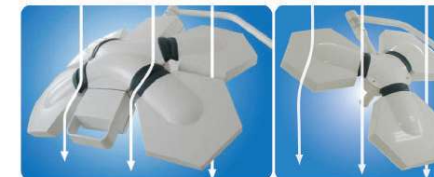
Huifeng has harnessed the far-reaching potential of the multi-lens matrix to virtually eliminate shadows. The SY02 series's overlapping fields of light and multiple patterns - selectable based on the surgical situation - minimize shadows and redirect the full selected intensity to the surgical site. The result is up to 20% more light in deep cavity situations.



Long life lighting

LED light source life of up to 50,000 hours or more, with an average life of an ordinary light shadowless lamp halogen 50 times, and each LED can be individually replaced, to ensure maximum use of economy.

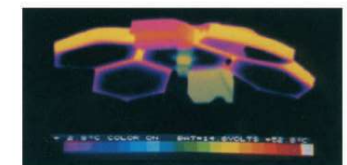
OPTIMIZED AIR FLOW DESIGN FOR BETTER HYGIENE



With its open design and superior ventilated ceiling tolerance, SY02-LED ensures that perfect operating conditions are created and hygienic requirements are fulfilled. The airflow surface under the ventilated ceiling is minimized and the reduced heat generation ensures a low turbulence displacement stream under the light head.

Perfect Cold Light Effect

LED light source does not produce infrared, the temperature rise above surgeon's head is less than 2°C, meanwhile very low temperature rise above the operation field avoids the patients' fluid loss. Thus solve the problem of unsatisfactory wound healing because of higher temperature rise produced by ordinary operating lamp



LED Shadowless Operating Lamp



Dragonflies have one of the most elaborate eyes of any insect, capable of pinpointing the motion of a small prey insect several meters away, even while the dragonfly is traveling fast.



LED operating shadowless lamp consists of a pl
 Precise - Uniform, homogeneous lighting in surfa
 Simple - Our ergonomic, sterile operating concept
 Durable - Almost unlimited LED life expectancy

urality of lamp caps, the petal shaped.
 ce and deep cavity procedures thanks to SY02-LED's innovative shadow control
 allows for the simple and flexible control of all functions by the surgical team
 delivers tremendous product reliability and investment protection

PRODUCT MODEL



SY02-LED SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Lamp head diameter	Rated power of bulb	Service life of illuminant	Power supply voltage	Lowest height of installation
SY02-LED3+5 Adjust colour temperature	≥120,000Lux/ ≥140,000Lux	3500K±200K 4000K±200K 4500K±200K 5000K±200K	96	1020mm/ 1150mm	380W/m ² / 510W/m ²	200-350mm	700mm/ 860mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm
SY02-LED5+5 Adjust colour temperature	≥140,000Lux/ ≥140,000Lux	3500K±200K 4000K±200K 4500K±200K 5000K±200K	96	1150mm/ 1150mm	510W/m ² / 510W/m ²	200-350mm	860mm/ 860mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm
SY02-LED3+3 Adjust colour temperature	≥120,000Lux/ ≥120,000Lux	3500K±200K 4000K±200K 4500K±200K 5000K±200K	96	1020mm/ 1020mm	380W/m ² / 380W/m ²	200-350mm	700mm/ 700mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm
SY02-LED3 Adjust colour temperature	≥120,000Lux	3500K±200K 4000K±200K 4500K±200K 5000K±200K	96	1020mm	380W/m ²	200-350mm	700mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm
SY02-LED5 Adjust colour temperature	≥140,000Lux	3500K±200K 4000K±200K 4500K±200K 5000K±200K	96	1150mm	510W/m ²	200-350mm	860mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm

OTHER CHOOSE

SY02-LED3
Adjust colour temperature (On Wall)

PRODUCT MODEL



SY02-LED SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Lamp head diameter	Rated power of bulb	Service life of illuminant	Power supply voltage	Lowest height of installation
SY02-LED3+5	≥120,000Lux/ ≥160,000Lux	4500K±200K	96	1020mm/ 1150mm	380W/m ² / 510W/m ²	200-350mm	700mm/ 860mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm
SY02-LED5+5	≥160,000Lux/ ≥160,000Lux	4500K±200K	96	1150mm/ 1150mm	510W/m ² / 510W/m ²	200-350mm	860mm/ 860mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm
SY02-LED3+3	≥120,000Lux/ ≥120,000Lux	4500K±200K	96	1020mm/ 1020mm	380W/m ² / 380W/m ²	200-350mm	700mm/ 700mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm
SY02-LED3	≥120,000Lux	4500K±200K	96	1020mm	380W/m ²	200-350mm	700mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm
SY02-LED5	≥160,000Lux	4500K±200K	96	1150mm	510W/m ²	200-350mm	860mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm

OTHER CHOOSE

SY02-LED3 On Wall

PRODUCT MODEL



SY02-LED3S
Adjust colour temperature



SY02-LED3E
Adjust colour temperature



SY02-LED3S



SY02-LED3E

SY02-LED SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Lamp head diameter	Rated power of bulb	Service life of illuminant	Power supply voltage	Emergency time
SY02-LED3S Adjust colour temperature (Mobile)	≥120,000Lux	3500K±200K 4000K±200K 4500K±200K 5000K±200K	96	1020mm	380W/m ²	200-350mm	700mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz	/
SY02-LED3E Adjust colour temperature (Emergency Mobile)	≥100,000Lux	3500K±200K 4000K±200K 4500K±200K 5000K±200K	96	1020mm	380W/m ²	200-350mm	700mm	3.2V/1W	≥30,000h	AC110-240V, 50/60Hz	≥ 5 hours

SY02-LED SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Lamp head diameter	Rated power of bulb	Service life of illuminant	Power supply voltage	Emergency time
SY02-LED3S (Mobile)	≥120,000Lux	4500K±200K	96	1020mm	380W/m ²	200-350mm	700mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz	/
SY02-LED3E (Emergency Mobile)	≥120,000Lux	4500K±200K	96	1020mm	380W/m ²	200-350mm	700mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz	≥ 5 hours

LED Series

PRODUCT MODEL



SY02-LED Series Camera Technical Data

Type	Definition	SNR	Camera Shooting distance	Foci	Double ratio	Video frequency export	Vidicon power supply	Lowest height of installation
SY02-LED3+5 Adjust colour temperature Camera on the handle	≥600TVL	≥46db	0.8~2m	F3.66~91.36mm	22 double	1.0Vp-p75Ω	12VDC±10%	3100mm
SY02-LED3+5 Adjust colour temperature Camera on arm	≥600TVL	≥46db	0.8~2m	F3.66~91.36mm	22 double	1.0Vp-p75Ω	12VDC±10%	3100mm

OTHER CHOOSE

SY02-LED3+5
Camera on the handle
SY02-LED3+3
Camera on the handle

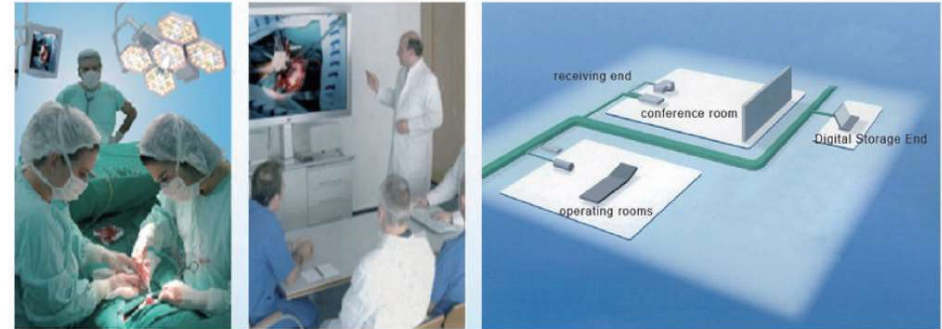
SY02-LED3+3
Camera on the arm
SY02-LED3+3
Camera on the handle

SY02-LED5+5
Camera on the handle
SY02-LED5+5
Camera on the arm

SY02-LED5+5
Camera on the handle

CAMERA INSTRUCTION

LED DIGIT, PICTURE & SHADOWLESS LAMP SYSTEM



- The major vidicon is set in the center of the major lamp, keeping the scene and the light from shadowless lamp in the same direction so as to maintain the best visual angle for surgical operation and the clearest picture. This design makes the overall structure compact and simple.
- The auxiliary vidicon on the platform takes picture of the the entire scene, enlarging the vision for monitoring.
- The system adopts integrated digital vidicon of high sensitivity and multimedia computer controlled digital monitoring system as well as other sophisticated technologies.
- The zoom offers 22 times of zooming, making it convenient to observe the entire scene or to have local enlargement.

Monitoring function: real-time display of four picture segregation.

Video function: real-time video of all pictures.

Back play function: select back play key to replay pictures.

Network function: Provides the local arwork, the telenet transmission connection.



Worktable

- Renew operation irradiation parts rapidly and improves doctors' working environment
- Illuminance equality,high shadowless rate,high definition to improve doctor's working efficiency



PRODUCT MODEL



YD02-LED3+4



YD02-LED4+5



YD02-LED Series Technical Data

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Lamp head diameter	Rated power of bulb	Service life of illuminant	Power supply voltage	Lowest height of installation
YD02-LED3+5	≥100,000Lux/ ≥130,000Lux	4800K±200K	96	1050mm	310W/m ² / 480W/m ²	120-240mm	500mm/ 550mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm
YD02-LED3+4	≥100,000Lux/ ≥120,000Lux	4800K±200K	96	1050mm	310W/m ² / 420W/m ²	120-240mm	500mm/ 550mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm
YD02-LED4+5	≥120,000Lux/ ≥130,000Lux	4800K±200K	96	1050mm	420W/m ² / 480W/m ²	120-240mm	550mm/ 550mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm
YD02-LED3	≥100,000Lux	4800K±200K	96	1050mm	310W/m ²	120-240mm	500mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm
YD02-LED5	≥130,000Lux	4800K±200K	96	1050mm	480W/m ²	120-240mm	550mm	3.2V/1W	≥50.000h	AC110-240V, 50/60Hz	2900mm

OTHER CHOOSE

- YD02-LED3+3
- YD02-LED4+4
- YD02-LED5+5
- YD02-LED4

- YD02-LED4 On Wall
- YD02-LED3 On Wall
- YD02-LED5 On Wall

YD02 LED Series

PRODUCT MODEL



YD02-LED Series Technical Data

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Lamp head diameter	Rated power of bulb	Service life of illuminant	Power supply voltage
YD02-LED5S	≥130,000Lux	4800K±200K	96	1050mm	480W/m²	120-240mm	550mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz
YD02-LED4S	≥120,000Lux	4800K±200K	96	1050mm	420W/m²	120-240mm	550mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz
YD02-LED3S	≥100,000Lux	4800K±200K	96	1050mm	310W/m²	120-240mm	500mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz

YD02-LED Series Technical Data

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Lamp head diameter	Rated power of bulb	Service life of illuminant	Power supply voltage	Emergency time
YD02-LED5E	≥130,000Lux	4800K±200K	96	1050mm	480W/m²	120-240mm	550mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz	≥5 hours
YD02-LED4E	≥120,000Lux	4800K±200K	96	1050mm	420W/m²	120-240mm	550mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz	≥5 hours
YD02-LED3E	≥100,000Lux	4800K±200K	96	1050mm	310W/m²	120-240mm	500mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz	≥5 hours

ZF series operating shadowless lamp colour reduction index(Ra) can reach above 93, close to the natural light , could help doctors use with a very clear area to break up the surgery site (including vascular tissue and nerve bundles) color, can clearly discern surgical field of organizational structure.



PRODUCT INSTRUCTION

ZF SERIES SHADOWLESS OPERATING LAMP

- ZF series shadowless Operating lamp can widely be used in diversified operation occasion to meet the demand of the illumination, and it is the ideal illumination instrument of the modern operating theater.
- The Whole reflection optical system is made by CAD/CAM technology, its illumine depth is up to 1300mm ;by using color temperature compensation technology, the color reversion is uprised, and it is more suitable for the illumination of the complex surgery such as encephalon surgery and thorax surgery.
- Micro computer digital control, with 8 shifts luminance for selection and it offers illuminance memory function and wide voltage working speciality, can work stably under AC 150V~250V, with strong anti-jamming capacity.
- Full close streamline lamp body design completely meets the demand of the sterilization and high standard of laminar flow purification in the operation room.
- The panel is made of German PC (anti-bullet plastic) by injection moulding, makes the light softer and more reliable.
- Focusing system has a delicate structure, and easy to change bulb and the ceramic seat; detachable handle cover can take high temperature (≤134°) sterilization treatment.
- With back up bulb automatic switch function, when the main bulb was burnt, auxiliary lamp will be lighted in 0.2 second. There's failure indication in the handle control panel, to remind the bulb to be changed after operation.
- Offering soft start up unit, extending the serve life of the bulb effectively. Adopting the imported long life halide-tungsten bulb, the bulb life can be up to 1000 hours.
- All the key parts use the world famous products, ensure stable and reliable operation; flame retardant level material can endure high temperature and safe, meets IEC norm.
- Equipped with imported balance arm suspension system, which is light and handy, six group joints move together and moves smoothly, positions stably. 360° universal design can satisfy various needed height and angle in the operation.
- Top-built (bottom board) power supply system, avoid troubles in installation of hang-on-wall control box.

Optimized laminar flow purification,sterilization, mirror face design and back-up bulb replacement

- Full closed streamline lamp head which is designed according to aerodynamics is helpful to laminar flow purification and application of sterilization in the operating room, this can reduce the risk of operation infection.
- The pervious glass at the bottom of lamp head is made of anti-shock and anti-disinfectant material. This pervious glass is durable and easy cleaning, and won't be effected by radiation , cleanceance and long time use.
- The sterilization handle can move up and down, revolve the lamp head and adjust the focus. It can be detached after operation and steeped in the liquid or by high temperature high pressure sterilization.
- The operating lamp adopts automatic monitor and back-up bulb automatic replacement system which can supply the illuminance during the whole operation, it won't affect the operation. When change the bulb, you just need to unscrew the three screws of the handle body and detach it, it is easy to replace the bulb. The handle body is equipped with convenient and sterilizing handle.
- Multi-lens reflecting system is designed by computer professional technology, there are more than 3800 pieces multi-lens reflecting system which makes the light beam focus as a high illuminance symmetrical light cylinder.



Natural operation color temperature

The CRI for natural light is 100. The CRI of ZF series integral reflecting shadowless operating lamp is 98,which is very near natural light. It can help the surgeon to distinguish the color of operating region(including blood vessel and nerve tract),it can help to distinguish the tissues of body clearly.

Advanced digital integrated circuit control panel

- It has functions of swith, intensity adjustment and back-up bulb test; Also has functions of 8-shift intensity selection and intensity memory.LED intensity indicative bar can show the needed intensity in the operation intuitively.
- There is a main bulb fault indicator on the control panel which remind the staff to replace the bulb after the operation.
- It has characteristic of wide power working, which can work stably between AC180V-250V with high anti-interference ability.



PRODUCT MODEL



ZF600/600

ZF600

ZF Series Technical Data

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	(24V) Rated power of bulb	Service life of illuminant	Power supply voltage	Brightness adjustment	Shift of major and stand by lamps	Lowest height of installation
ZF600/600	≥120,000/ ≥120,000 Lux	4500±300K	94/94	1050mm/ 1050mm	426 W/m² /426 W/m²	160-280mm	150W /150W	≥1,000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	2900mm
ZF600	≥120,000 Lux	4500±300K	94	1050mm	426 W/m²	160-280mm	150W	≥1,000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	2900mm

OTHER CHOOSE

- ZF600 Current Arm
- ZF600 On Wall
- ZF600 Emergency On Ceiling

PRODUCT MODEL

ZF700/700



ZF700

ZF500

ZF700/500



ZF500/500



ZF Series Technical Data

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	(24V) Rated power of bulb	Service life of illuminant	Power supply voltage	Brightness adjustment	Shift of major and stand by lamps	Lowest height of installation
ZF700/700	≥150,000/ ≥150,000 Lux	4500±300K	94/94	1050mm/ 1050mm	426 W/m ² / 426 W/m ²	160-280mm	150W /150W	≥1.000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	2900mm
ZF700/500	≥150,000/ ≥100,000 Lux	4500±300K	94/93	1050mm/ 1300mm	426 W/m ² / 580 W/m ²	160-280mm	150W /150W	≥1.000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	2900mm
ZF500/500	≥100,000/ ≥100,000 Lux	4500±300K	93/93	1300mm/ 1300mm	580 W/m ² / 580 W/m ²	160-280mm	150W /150W	≥1.000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	2900mm
ZF700	≥150,000/ Lux	4500±300K	94	1050mm	426 W/m ²	160-280mm	150W	≥1.000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	2900mm
ZF500	≥100,000 Lux	4500±300K	93	1300mm	580 W/m ²	160-280mm	150W	≥1.000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	2900mm

OTHER CHOOSE

ZF500 Current Arm

ZF500 On Wall

ZF500 Emergency On Ceiling

ZF700 Current Arm

ZF700 On Wall

ZF700 Emergency On Ceiling

PRODUCT MODEL



PRODUCT MODEL



ZF Series Technical Data

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	(24V) Rated power of bulb	Service life of illuminant	Power supply voltage	Brightness adjustment	Shift of major and stand by lamps
ZF700S	≥150,000/ Lux	4500±300K	94	1050mm	426 W/m ²	160-280mm	150W	≥1,000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic
ZF600S	≥120,000/ Lux	4500±300K	94	1050mm	426 W/m ²	160-280mm	150W	≥1,000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic
ZF500S	≥100,000 Lux	4500±300K	93	1300mm	580 W/m ²	160-280mm	150W	≥1,000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic

ZF Series Technical Data

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	(24V) Rated power of bulb	Service life of illuminant	Power supply voltage	Brightness adjustment	Shift of major and stand by lamps	Emergency time
ZF700E	≥150,000/ Lux	4500±300K	94	1050mm	426 W/m ²	160-280mm	150W	≥1,000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	≥2 hours
ZF600E	≥120,000/ Lux	4500±300K	94	1050mm	426 W/m ²	160-280mm	150W	≥1,000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	≥2 hours
ZF500E	≥100,000 Lux	4500±300K	93	1300mm	580 W/m ²	160-280mm	150W	≥1,000h	AC110-240V, 50/60Hz	Automatic8-stage continuous light adjustment	Automatic	≥2 hours

PRODUCT MODEL



ZF700/700 Camera on the arm



ZF700/500 Camera on the handle



ZF700/500 Camera on the handle

ZF Series Camera Technical Data

Type	Definition	SNR	Camera Shooting distance	Foci	Double ratio	Video frequency export	Vidicon power supply	Lowest height of installation
ZF700/700 Camera on the arm	≥600TVL	≥46db	0.8~2m	F3.66~91.36mm	double	1.0Vp-p75Ω	12VDC±10%	3100mm
ZF700/500 Camera on the handle	≥600TVL	≥46db	0.8~2m	F3.66~91.36mm	double	1.0Vp-p75Ω	12VDC±10%	3100mm
ZF700/500 Camera on the handle	≥600TVL	≥46db	0.8~2m	F3.66~91.36mm	double	1.0Vp-p75Ω	12VDC±10%	2900mm

OTHER CHOOSE

- ZF700/700 Camera on the handle
- ZF700/700 Camera on the handle
- ZF700/500 Camera on the arm
- ZF500/500 Camera on the handle
- ZF500/500 Camera on the handle

PRODUCT INSTRUCTION

- Excellent cold light:adopting LED as light source,without temperature rising.
- Excellent daylight quality and CRI meet the illumination needs of the doctors.
- Excellent lighting effect:unique optical system,homogenous light spot,high-definition.
- Long service life:LED life is up to 30,000 hours.
- Energy saving and environment-friendly.
- Flexible and stable balance arm suspension system contents various requirement on height and angle.



YD02-5 LED
On Wall



YD02-5 LED



YD02-5+5 LED

YD02 Series Technical Data

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Lamp head diameter	Rated power of bulb	Bulb	Power supply voltage	Lowest height of installation
YD02-5 LED On Wall	≥100,000LUX	4800±300K	92	≥500mm	480W/m ²	160-220mm	500mm	3.2V/1W	LED Bulb ≥30,000h	AC110-240V, 50/60Hz	2300mm
YD02-5+5 LED On Ceiling	≥100,000LUX ≥100,000LUX	4800±300K	92 92	≥500mm ≥500mm	480W/m ² 480W/m ²	160-220mm	500mm	3.2V/1W	LED Bulb ≥30,000h	AC110-240V, 50/60Hz	2600mm
YD02-5 LED On Ceiling	≥100,000LUX	4800±300K	92	≥500mm	480W/m ²	160-220mm	500mm	3.2V/1W	LED Bulb ≥30,000h	AC110-240V, 50/60Hz	2300mm

PRODUCT MODEL



YD02 Series Technical Data

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Lamp head diameter	(24V) Rated power of bulb	Power supply voltage	Lowest height of installation	Bulb
YD02-5+12	≥50,000 ≥120,000 Lux	3500±500K	88	600mm	490 W/m ² 718 W/m ²	160-220mm	500mm 900mm	25W	AC 220V/ 50-60 Hz (110V/60Hz custom-made)	2900mm	Cold light source
YD02-12	≥120,000 Lux	3500±500K	88	600mm	718 W/m ²	160-220mm	900mm	25W	AC 220V/ 50-60 Hz (110V/60Hz custom-made)	2900mm	Cold light source
YD02-5+5	≥50,000 ≥50,000 Lux	3500±500K	88	600mm	490 W/m ² 490 W/m ²	160-220mm	500mm 500mm	25W	AC 220V/ 50-60 Hz (110V/60Hz custom-made)	2900mm	Cold light source
YD02-9	≥90,000 Lux	3500±500K	88	600mm	718 W/m ²	160-220mm	900mm	25W	AC 220V/ 50-60 Hz (110V/60Hz custom-made)	2900mm	Cold light source
YD02-5	≥50,000 Lux	3500±500K	88	600mm	490 W/m ²	160-220mm	500mm	25W	AC 220V/ 50-60 Hz (110V/60Hz custom-made)	2900mm	Cold light source

PRODUCT MODEL



YD01 SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Power supply voltage	(24V) Rated power of bulb	Bulb
YD01-5	≥60,000 Lux	3700±500K	85	900mm	547W/m ²	160-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	25W	Cold light source
YD01-4	≥50,000 Lux	3700±500K	85	900mm	547W/m ²	160-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	25W	Cold light source
YD01-5 LED	≥80,000 Lux	5000±500K	92	500mm	275W/m ²	160-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	LED Bulb ≥30,000h
YD01-4 LED	≥70,000 Lux	5000±500K	92	500mm	275W/m ²	160-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	LED Bulb ≥30,000h
YD01-I	≥12,000 Lux	3500±500K	95	/	459W/m ²	/	AC 220V/50-60 Hz (110V/60Hz custom-made)	25W	Cold light source
YD01-II	≥25,000Lux Illuminance adjustable	3500±500K	95	/	459W/m ²	/	AC 220V/50-60 Hz (110V/60Hz custom-made)	50W	Tungsten halogen bulb
YD01-I LED	≥25,000Lux Illuminance adjustable	5000±500K	93	/	480W/m ²	/	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	LED Bulb ≥30,000h



YD01 SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Power supply voltage	(24V) Rated power of bulb	Bulb	Emergency time
YD01-5E	≥60,000 Lux	3700±500K	85	900mm	547W/m ²	160-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	25W	Cold light source	≥2 hours
YD01-4E	≥50,000 Lux	3700±500K	85	900mm	547W/m ²	160-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	25W	Cold light source	≥2 hours
YD01-5E LED	≥80,000 Lux	5000±500K	92	500mm	275W/m ²	160-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	LED Bulb ≥30,000h	≥4 hours
YD01-4E LED	≥70,000 Lux	5000±500K	92	500mm	275W/m ²	160-220mm	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	LED Bulb ≥30,000h	≥4 hours
YD01-IE	≥12,000 Lux	3500±500K	95	/	459W/m ²	/	AC 220V/50-60 Hz (110V/60Hz custom-made)	25W	Cold light source	≥2 hours
YD01-IE LED	≥25,000Lux illuminance adjustable	5000±500K	93	/	480W/m ²	/	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	LED Bulb ≥30,000h	≥6 hours

PRODUCT MODEL



YD200 (LED) SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Power supply voltage	Rated power of bulb	Lamp head diameter	Emergency time	Lowest height of installation
YD200 (LED)	≥50,000 Lux	6000±700K	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	180mm	/	/
YD200E (LED)	≥50,000 Lux	6000±700K	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	180mm	≥6 hours	/
YD200C (LED)	≥50,000 Lux	6000±700K	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	180mm	/	2300mm
YD200W (LED)	≥50,000/ Lux	6000±700K	AC 220V/50-60 Hz (110V/60Hz custom-made)	3.2V/1W	180mm	/	2300mm

YD200 SERIES TECHNICAL DATA

Type	Illuminance	Colour temperature	Power supply voltage	(24V) Rated power of bulb	Lamp head diameter	Bulb	Emergency time	Lowest height of installation
YD200	≥50,000 Lux	4000±500K	AC 220V/50-60 Hz (110V/60Hz custom-made)	50W	180mm	Tungsten halogen bulb	/	/
YD200E	≥50,000 Lux	4000±500K	AC 220V/50-60 Hz (110V/60Hz custom-made)	50W	180mm	Tungsten halogen bulb	≥2 hours	/
YD200C	≥50,000 Lux	4000±500K	AC 220V/50-60 Hz (110V/60Hz custom-made)	50W	180mm	Tungsten halogen bulb	/	2300mm
YD200W	≥50,000/ Lux	4000±500K	AC 220V/50-60 Hz (110V/60Hz custom-made)	50W	180mm	Tungsten halogen bulb	/	2300mm

PRODUCT INSTRUCTION

High performance and Energy Conservation

This product is using LED cold light source as light source of Surgical Luminaires, which is not only with low consumption of power and outstanding effect of energy conservation, but also has quick response and high efficiency of optical transition rate;

Durable Life

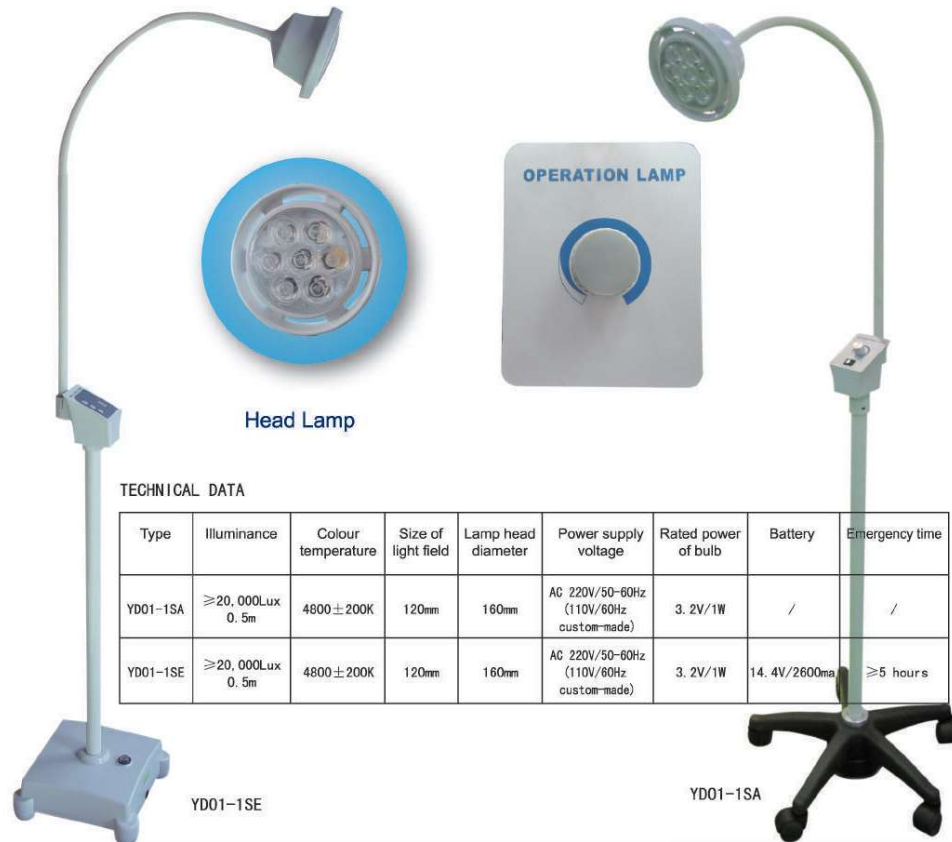
Under regular service conditions, the life of lamp bulb is not less than 20000 hours;

Adjustable Illumination

It has adjust illumination, which are able to meet your different requirements of illumination; The reflector makes light more bright, soft, and more close to natural light;

Emergency time

Model YD01-1SE is equipped with stand-by rechargeable battery, which is able to serve for 6 hours in terms of electrical outage; It is automatic rechargeable, automatic detective and protective, it does not affect the normal service.



TECHNICAL DATA

Type	Illuminance	Colour temperature	Size of light field	Lamp head diameter	Power supply voltage	Rated power of bulb	Battery	Emergency time
YD01-1SA	≥20,000Lux 0.5m	4800±200K	120mm	160mm	AC 220V/50-60Hz (110V/60Hz custom-made)	3. 2V/1W	/	/
YD01-1SE	≥20,000Lux 0.5m	4800±200K	120mm	160mm	AC 220V/50-60Hz (110V/60Hz custom-made)	3. 2V/1W	14. 4V/2600ma	≥5 hours

PRODUCT MODEL



EXAMINATION TECHNICAL DATA

Type	Illuminance	Colour temperature	Size of light field	Brightness adjustment	Lamp head diameter	Power supply voltage	Rated power of bulb	Bulb life	Pole	Emergency time
YD01A (LED)	30,000Lux 0.5m /10,000Lux 1m	4800±200K	100mm	Absolute adjustment	55mm	AC 110/220V 50-60Hz	3. 3V/3W	≥20,000 hours	Adjust up and down	/
YD01W (LED)	30,000Lux 0.5m /10,000Lux 1m	4800±200K	100mm	Absolute adjustment	55mm	AC 110/220V 50-60Hz	3. 3V/3W	≥20,000 hours	/	/
YD01AE (LED)	30,000Lux 0.5m /10,000Lux 1m	4800±200K	100mm	Absolute adjustment	55mm	AC 110/220V 50-60Hz	3. 3V/3W	≥20,000 hours	Adjust up and down	≥3hours
YD01A	35W: 25,000Lux 0.5m 10,000Lux 1m 50W: 30,000Lux 0.5m 20,000Lux 1m	4000±200K	100mm	Absolute adjustment	75mm	AC 110/220V 50-60Hz	12V/35W 12V/50W	≥2000 hours	Adjust up and down	/
YD01W	35W: 25,000Lux 0.5m 10,000Lux 1m 50W: 30,000Lux 0.5m 20,000Lux 1m	4000±200K	100mm	Absolute adjustment	75mm	AC 110/220V 50-60Hz	12V/35W 12V/50W	≥2000 hours	/	/

PRODUCT MODEL

YD150(LED)

Examination lamp

Product introduction

YD150(LED) examination lamp is extensively applied in industry, medical treatment, jewelry, photograph, scientific research etc., It is currently more advanced lighting equipments at home and abroad.

This cold-light single hole deep lamp (LED) features simple structure, easy usage, good appearance and practicability, as well as distinctive performance for deep illumination. More applicable to relatively low-storey room.



PRODUCT MODEL

HF-L25(LED)

Shadowless Operating Lamp

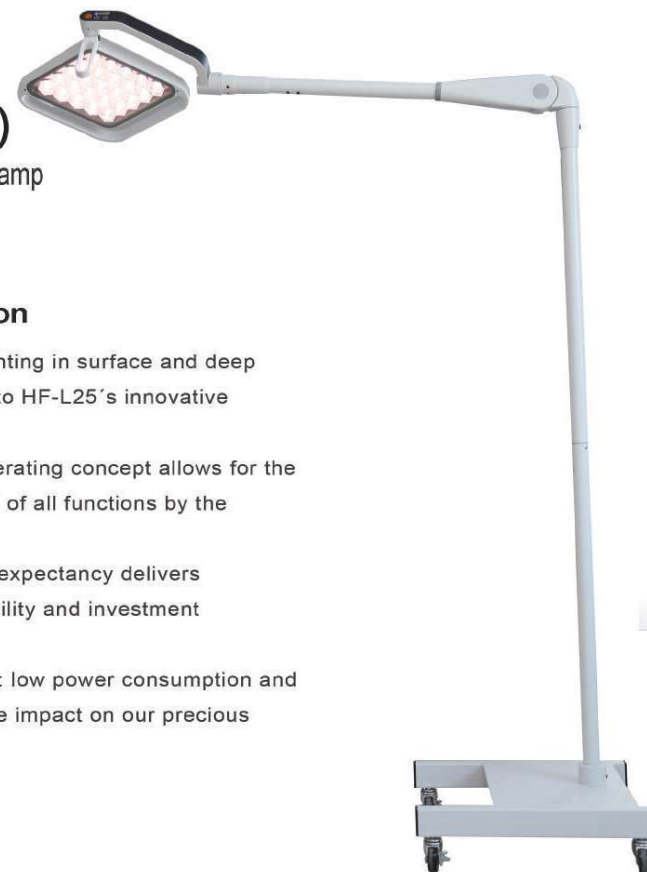
Product introduction

Uniform, homogeneous lighting in surface and deep cavity procedures thanks to HF-L25's innovative shadow control.

Our ergonomic, sterile operating concept allows for the simple and flexible control of all functions by the surgical team.

Almost unlimited LED life expectancy delivers tremendous product reliability and investment protection.

Environmentally proactive: low power consumption and durable LEDs minimize the impact on our precious resources.



YD150(LED)Examing Lamp

Illuminance	Colour temperature	Adjust	Total irradiance	Size of light field	Rated power of bulb	Power supply voltage	Bulb
30,000Lux0.5m 5,000Lux 1m	4800±200K	adjust light	380W/m²	100mm	3.3/3W	220V/50Hz	LED bulb

HF-L25(LED)Shadowless Operating Lamp

Illuminance	Colour temperature	Colour reduction index(Ra)	Illuminance depth	Total irradiance	Size of light field	Lamp head diameter	Rater power of bulb	Service life of illuminance	Power supply voltage	Total power consumption	Total LED bulb quantity
≥70,00Lux	3800±200K 4800±200K	92	700mm	380W/m²	150mm	300mm	3.2V/1W	≥50,000h	AC110-240V, 50/60Hz	30W	25pcs