

Led Operating Lamp(CE certificated)

Catalogue

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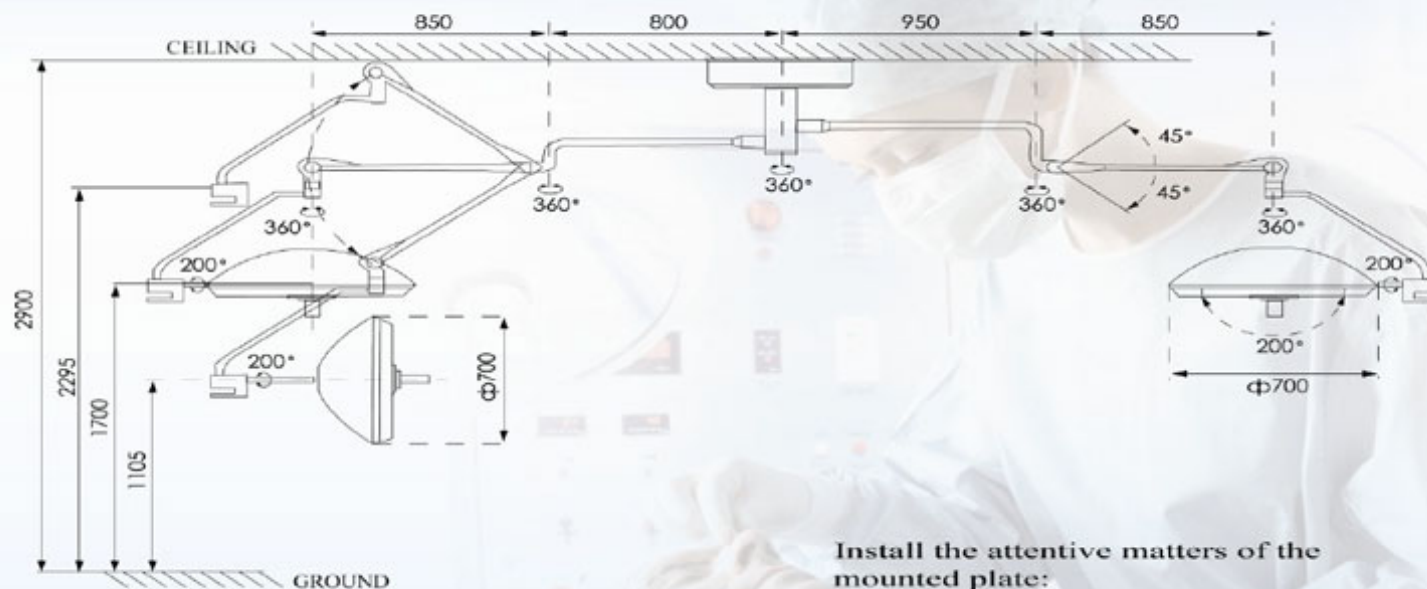
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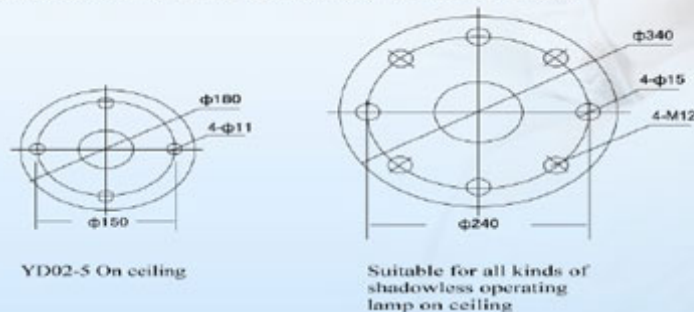
Website:

www.worldhealthmed.com

INSTALLATION DIAGRAM



Installation of a fixed board size



Install the attentive matters of the mounted plate:

The foundation essential can withstand 500kg load .

The ceiling is bigger than 3.2m high, should affix 1 engthens by joining (to be possible to this factory order).

Reliable connection of ground terminal (yellowish green line) that users' earth connection should be in the products.

Hangs the type surgery shadowless lamp is the upper air is hanging the heavy item product, the security lifetime is ten years.

If the products change, Notify again.

LED Series Shadowless Operating Lamp

- [WH02-LED 5+5-TV Shadowless Operating Lamp\(Camera\)](#)
- [WH02-LED 5+5 Shadowless Operating Lamp\(Camera\)](#)
- [WH02-LED 3+5-TV Shadowless Operating Lamp\(Camera\)](#)
- [WH02-LED 3+5 Shadowless Operating Lamp\(Camera\)](#)
- [WH02-LED 5+5 Shadowless Operating Lamp](#)
- [WH02-LED 3+5 Shadowless Operating Lamp](#)
- [WH02-LED 3+3 Shadowless Operating Lamp](#)
- [WH02-LED 5 Shadowless Operating Lamp](#)
- [WH02-LED 3 Shadowless Operating Lamp](#)
- [WH02-LED5+5 Shadowless Operating Lamp\(Ajust color temperature\)](#)
- [WH02-LED3+5 Shadowless Operating Lamp\(Ajust color temperature\)](#)
- [WH02-LED5 Shadowless Operating Lamp\(Ajust color temperature\)](#)
- [WH02-LED3 Shadowless Operating Lamp\(Ajust color temperature\)](#)
- [WH02-3+4\(LED\) Shadowless Operating Lamp](#)
- [WH02-4+4\(LED\) Shadowless Operating Lamp](#)
- [WH02-3+3\(LED\) Shadowless Operating Lamp](#)
- [WH02-4\(LED\) Shadowless Operating Lamp](#)
- [WH02-3\(LED\) Shadowless Operating Lamp](#)
- [WH200\(LED\) Cold Light Operating Lamp\(deep\)](#)
- [WH200\(LED\) Emergency Cold Light Operating Lamp\(deep\)](#)
- [WH01W Examination Lamp \(On Wall\) \(LED\)](#)
- [WH01A Examination Lamp \(On Wall\) \(LED\)](#)
- [WH01-1SA Operation Lamp \(LED\)](#)
- [WH01-1SE Operation Lamp \(LED\)](#)

LED Series Shadowless Operating Lamp

★Unmatched shadow management optimizes concentration and surgical team efficiency



Shikang has harnessed the far-reaching potential of the multi-lens matrix to virtually eliminate shadows. The WH02 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.

★Sterile control operations

- One of the innovative characteristics of WH02 series's: the sterile control concept enables the surgical team to operate all important functions intuitively, quickly and simply - either on the light heads or via a wall control panel.
- On and off-switch
- Dimming with integrated Endo mode
- Synchronization of multiple light heads



★Optimized air flow design for better hygiene

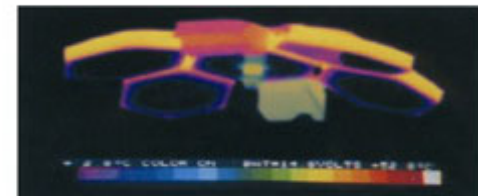


With its open design and superior ventilated ceiling tolerance, WH02-LED ensures that perfect operating conditions are created and hygienic requirements are fulfilled. The airflow surface under the ventilated ceiling is minimized and the reduced heat generation ensures a low turbulence displacement stream under the light head.

★Demanding communication requires a platform:LED

That's why the innovative led surgical light line offers integrated, high-quality camera solutions with both Standard Definition (SD) and high resolution HD formats as well as communications via LAN or PC networks in HD quality.

Optionally integratable into the light heads or on a separate support arm mount (like those used for monitors), the cameras can be quickly installed and easily moved from room to room. This integration provides the ideal platform for research areas, teaching institutions



WH02-LED 5+5-TV Shadowless Operating Lamp(Camera)



worktable

Technical Data:

Central illuminance:-----	160.000/160.000Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	4500 K
Color reduction index: -----	96
Service life of illuminant: -----	30.000 h
Operator head temperature rise(°C): -----	<2/ <2
Definition: -----	≥ 540TVL
SNR: -----	≥ 46db
Act for likeness distance (m): Main Vidicon : -----	0.8~2 panorama vidicon:1~10
Vidicon aperture: -----	F1.6~F3.7
Foci : -----	F3.9~85.8mm
Double ratio : -----	22 double
Video frequency export : -----	1.0Vp-p 75 Ω
Vidicon power supply : -----	12VDC ± 10%
Video frequency transceiver -----	blast-off frequency: 1.2GHZ
Brightness adjustment:8-stage continuous light adjustment	

WH02-LED 5+5 Shadowless Operating Lamp(Camera)



worktable

Technical Data:

Central illuminance:-----	160.000/160.000Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	4500 K
Color reduction index: -----	96
Service life of illuminant: -----	30.000 h
Operator head temperature rise(°C): -----	<2/ <2
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Video frequency transceiver -----	blast-off frequency: 1.2GHZ
Brihtness adjustment:8-stage continuous light adjustment	

WH02-LED 3+5-TV Shadowless Operating Lamp(Camera)



worktable

Technical Data:

Central illuminance:-----	100.000/160.000Lux
Size of light field: -----	200 - 350 mm
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Double ratio : -----	22 double
Video frequency export : -----	1.0Vp-p 75 Ω
Vidicon power supply : -----	12VDC ± 10%
Video frequency transceiver -----	blast-off frequency: 1.2GHZ
Brightness adjustment:8-stage continuous light adjustment	

WH02-LED 3+5 Shadowless Operating Lamp(Camera)



worktable

Technical Data:

Central illuminance:-----	160.000/160.000Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	4500 K
Color reduction index: -----	96
Service life of illuminant: -----	30.000 h
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Foci : -----	F3.9~85.8mm
Double ratio : -----	22 double
Video frequency export : -----	1.0Vp-p 75 Ω
Vidicon power supply : -----	12VDC ± 10%
Video frequency transceiver -----	blast-off frequency: 1.2GHZ
Brihtness adjustment:8-stage continuous light adjustment	

WH02-LED 5+5 Shadowless Operating Lamp



Technical Data:

Central illuminance: ————— 160.000/160.000Lux
Size of light field: ————— 200 - 350 mm
Colour temperature: ————— 4500 K
Color reduction index: ————— 96
Service life of illuminant: ————— 30.000 h
Operator head temperature rise(°C): ——— <2/ <2

WH02-LED 3+5 Shadowless Operating Lamp



Technical Data:

Central illuminance:-----	100.000/160.000Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	4500 K
Color reduction index: -----	96
Service life of illuminant: -----	30.000 h
Operator head temperature rise(°C): -----	<2/ <2

WH02-LED 3+3 Shadowless Operating Lamp



Technical Data:

Central illuminance:-----	100.000/100.000Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	4500 K
Color reduction index: -----	96
Service life of illuminant: -----	30.000 h
Operator head temperature rise(°C): -----	<2/ <2

WH02-LED 5 Shadowless Operating Lamp



Technical Data:

Central illuminance:-----	160.000Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	4500 K
Color reduction index: -----	96
Service life of illuminant: -----	30.000 h
Operator head temperature rise(°C): -----	<2

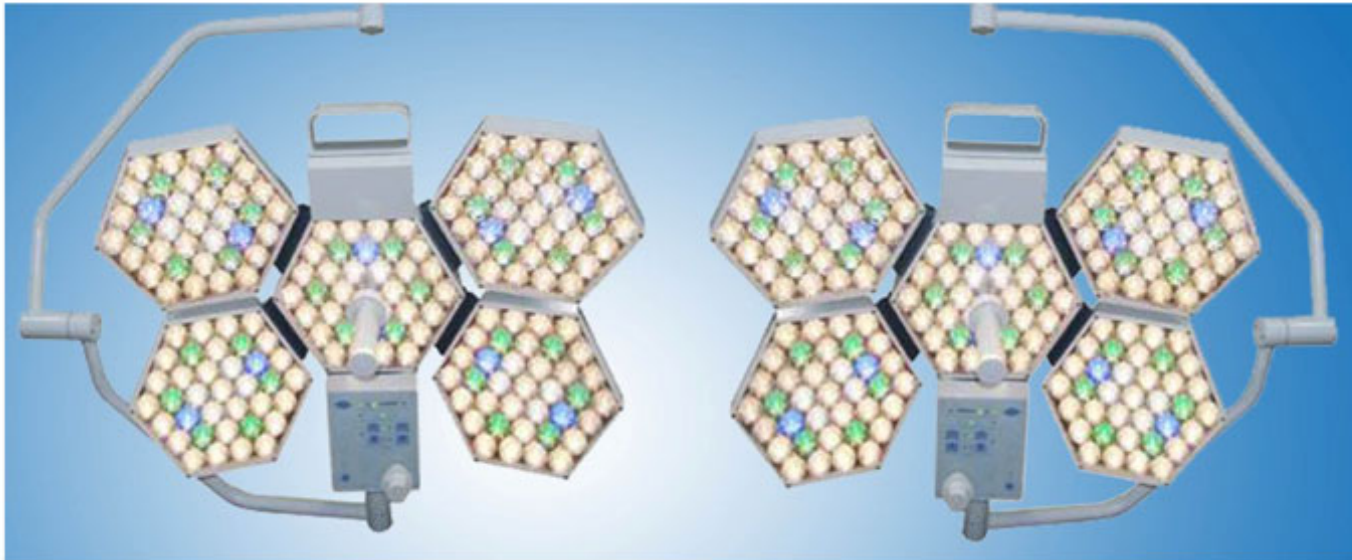
WH02-LED 3 Shadowless Operating Lamp



Technical Data:

Central illuminance:-----	100.000Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	4500 K
Color reduction index: -----	96
Service life of illuminant: -----	30.000 h
Operator head temperature rise(°C): -----	<2

WH02-LED5+5 Shadowless Operating Lamp(Ajust color temperature)



Technical Data:

Central illuminance:-----	160.000/160.000Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	3500K/4000K/4500 K/5000K
Color reduction index: -----	96
Service life of illuminant: -----	30.000 h
Operator head temperature rise(°C): -----	<2/ <2

WH02-LED3+5 Shadowless Operating Lamp(Ajust color temperature)



Technical Data:

Central illuminance:-----	100.000/160.000Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	3500K/4000K/4500 K/5000K
Color reduction index: -----	96
Service life of illuminant: -----	30.000 h
Operator head temperature rise(°C): -----	<2/ <2

WH02-LED5 Shadowless Operating Lamp(Ajust color temperature)



Technical Data:

Central illuminance:-----	160.000Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	3500K/4000K/4500 K/5000K
Color reduction index: -----	96
Service life of illuminant: -----	30.000 h
Operator head temperature rise(°C): -----	<2

WH02-LED3 Shadowless Operating Lamp(Ajust color temperature)



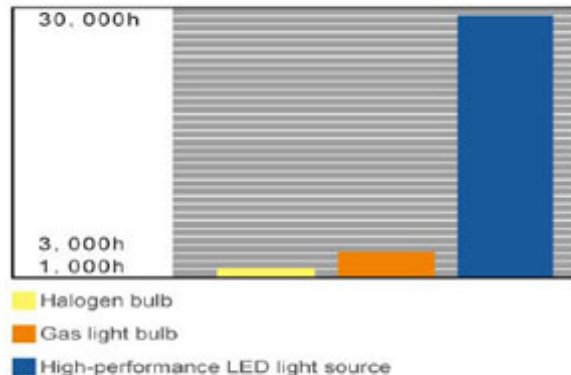
Technical Data:

Central illuminance:-----	100.000Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	3500K/4000K/4500 K/5000K
Color reduction index: -----	96
Service life of illuminant: -----	30.000 h
Operator head temperature rise(°C): -----	<2

WH02(LED)Series Shadowless Operating Lamp

★Main feature

- Excellent cold light:adopting LED cold light as light source,without temperature rising.
- Excellent daylight quality and CRI meet the illumination needs of the doctors.
- Excellent lighting effect:unique optical WHstem,homogenous light spot,high-definition.
- Brightness Adjustment:Micro computer digital control,with 8 shifts luminance for selection and it offers illuminance memory function and wide voltage working speciality.
- Long service life:LED life is up to 30000 hours.
- Energy saving and environment-friendly.
- Flexible and stable balance arm suspension WHstem contents various requirement on height and angle.



★Long life lighting

LED light source life of up to 30,000 hours or more, with an average life of an ordinary light shadowless lamp halogen 30 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, WH02(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.



WH02-3+4(LED) Shadowless Operating Lamp



Technical Data:

Central illuminance: ————— 70.000/100.000 Lux

Size of light field: ————— 200 - 350 mm

Colour temperature: ————— $4500 \pm 200\text{K}$

Color reduction index: ————— 90

Service life of illuminant: ————— 30.000 h

Operator head temperature rise($^{\circ}\text{C}$) : — <2/ <2

WH02-4+4(LED) Shadowless Operating Lamp



Technical Data:

Central illuminance: ————— 100.000/100.000 Lux

Size of light field: ————— 200 - 350 mm

Colour temperature: ————— $4500 \pm 200\text{K}$

Color reduction index: ————— 90

Service life of illuminant: ————— 30.000 h

Operator head temperature rise($^{\circ}\text{C}$) : — <2/ <2

WH02-3+3(LED) Shadowless Operating Lamp



Technical Data:

Central illuminance: ----- 70.000/70.000 Lux

Size of light field: ----- 200 - 350 mm

Colour temperature: ----- $4500 \pm 200\text{K}$

Color reduction index: ----- 90

Service life of illuminant: ----- 30.000 h

Operator head temperature rise($^{\circ}\text{C}$) : — $<2/ <2$

WH02-4(LED) Shadowless Operating Lamp



Technical Data:

Central illuminance: ————— 100.000 Lux
Size of light field: ————— 200 - 350 mm
Colour temperature: ————— $4500 \pm 200\text{K}$
Color reduction index: ————— 90
Service life of illuminant: ————— 30.000 h
Operator head temperature rise($^{\circ}\text{C}$) : — <2

WH02-3(LED) Shadowless Operating Lamp



Technical Data:

Central illuminance: ————— 70.000 Lux
Size of light field: ————— 200 - 350 mm
Colour temperature: ————— $4500 \pm 200\text{K}$
Color reduction index: ————— 90
Service life of illuminant: ————— 30.000 h
Operator head temperature rise($^{\circ}\text{C}$) : — <2

WH200(LED) Cold Light Operating Lamp(deep)

This (LED)cold-light single hole deep lamp features simple structure, eaWH to use, good appearance and practical, as well as distinctive performance for deep illumination.

Bulbs can halogen bulbs or LED

Technical Data:

- 1.Illuminance:————— $\geq 25000\text{Lux}$,
- 2.Color temperature: ————— $4800 \pm 200\text{K}$
- 3.power supply voltage: ————— $\sim 220\text{V}/50\text{-}60\text{Hz}$
(110V/60Hz custom-made)
- 4.Temperature rise($^{\circ}\text{C}$): ————— ≤ 2
- 5.Rated Voltage of Bulb: ————— 3.8V
- 6.Input Power:————— 35W
- 7.Spot diameter:————— 150MM



WH200(LED) Emergency Cold Light Operating Lamp(deep)

WH200 AC/DC cold light operating lamp meets the requirements of lighting for surgical operations in special circumstances or where there is no power supply. When there is power failure from electric grid or due to some other reasons, emergency power back up can last 2 hours continuously to make sure that the operation can be done normally. It is fit for auxiliary lighting for medical examination on ears, nose, oral cavity, urinary system and gynaecology. Bulbs can halogen bulbs or LED.

Technical Data:

1. Illuminance: ————— $\geq 25000\text{Lux}$,
2. Color temperature: ————— $4800 \pm 200\text{K}$
3. power supply voltage: ————— $\sim 220\text{V}/50\text{-}60\text{Hz}$
(110V/60Hz custom-made)
4. Temperature rise($^{\circ}\text{C}$): ————— ≤ 2
5. Rated Voltage of Bulb: ————— 3.8V
6. Input Power: ————— 35W
7. Spot diameter: ————— 150MM
8. Emergency time: ————— 2 hours



WH01W Examination Lamp (On Wall) (LED)

CE

WH01W examination lamp gathers and enlarges through optics, making common of giving out light effect to become clearly and light spot even high-quality light flat surface effect . It is extensively applied in the industry, medical treatment, jewelry, photograph. scientific research etc., It is currently more advanced lighting equipments at home and abroad.

Technical Data:

Spot diameter	100mm
Illuminance	≥30000Lux, 0.5M/10000lux 1m
Color temperature	3000-4500K
power supply voltage	~220V/50-60Hz
Temperature rise	≤2℃
Rated Voltage of Bulb	Super bright LED 1minotres 3v0.5
Brightness adjustment	absoluteness adjustment
Lowest height of installation	2900mm



WH01A Examination Lamp (LED)

CE

WH01A examination lamp gathers and enlarges through optics, making common of giving out light effect to become clearly and light spot even high - quality light flat surface effect . It is extensively applied in the industry, medical treatment, jewelry, photograph. scientific research etc., It is currently more advanced lighting equipments at home and abroad.

Technical Data:

Spot diameter	100mm
Illuminance	≥30000Lux, 0.5M/10000lux 1m
Color temperature	3000-4500K
power supply voltage	~220V/50-60Hz
Temperature rise	≤2℃
Rated Voltage of Bulb	Super bright LED 1minotres 3v0.5
Brightness adjustment	absoluteness adjustment



WH01-1SA Operation Lamp(LED)



WH01-1SA is Surgical Luminaires with vertical dispersed LED light source And asjustable illumination. It is extensively applied in the industry , medical treatment,jewelry, photograph. scientific research etc ., It is currently more advanced lighting equipments at home and abroad.

Technical Data:

Illuminance	≥20000Lux 0.5m
Color temperature	3000 ~ 5500K
Temperature rise	≤8℃
power supply	A.C. 220V±22V,50Hz±1Hz
Lamp Bulb	Super bright LED luminotron 3V/0.5×19
Spot Diameter	φ 80mm- φ 120mm



WH01-1SE Operation Lamp(LED)



WH01-1SE is emergency Surgical Luminaires with vertical dispersed LED light source And asjustable illumination. It is extensively applied in the industry, medical treatment, jewelry, photograph. scientific research etc., It is currently more advanced lighting equipments at home and abroad.

Technical Data:

Illuminance	≥20000Lux 0.5m
Color temperature	3000 ~ 5500K
Temperature rise	≤8℃
power supply	A.C. 220V±22V,50Hz±1Hz
Lamp Bulb	Super bright LED luminotron 3V/0.5×19
Spot Diameter	φ 80mm- φ 120mm
Emergency cell	14.4V/2600ma
Emergency time	6 hours

