

ISO9001:2008
ISO13485:2003



YD02-LED SERIES

SHADOWLESS OPERATING LAMP



SHANGHAI HUIFENG MEDICAL INSTRUMENT CO., LTD.

YD02-LED3+5-TV Shadowless Operating Lamp(Camera)



worktable

Technical Data:

Illuminance-----	LED3: ≥ 80.000 Lux
-----	LED5: ≥ 130.000 Lux
Colour temperature -----	4800 ± 200 K
Colour reduction index (Ra) -----	96
Illuminance depth -----	1050mm
Total irradiance -----	$310W/m^2/480W/m^2$
Size of light field -----	120~240mm
Lamp head diameter -----	500mm/550mm
Definition-----	≥ 600 TVL
SNR-----	≥ 46 db
Camera shooting distance(m)-----	0.8~2
Foci-----	F3.66~91.36 mm
Double ratio-----	22 double
Video frequency export:-----	1.0Vp-p75 Ω
Vidicon power supply-----	$12VDC \pm 10\%$
Video frequency transceiver-----	plast-off frequency: 1.2GHZ
Lowest height of installation-----	3100 mm



SHANGHAI HUIFENG MEDICAL INSTRUMENT CO., LTD.

YD02-LED3+5-TV Shadowless Operating Lamp



worktable

Technical Data:

Illuminance-----	LED3: ≥ 80.000 Lux
-----	LED5: ≥ 130.000 Lux
Colour temperature -----	4800 ± 200 K
Colour reduction index (Ra) -----	96
Illuminance depth -----	1050mm
Total irradiance -----	$310W/m^2/480W/m^2$
Size of light field -----	120~240mm
Lamp head diameter -----	500mm/550mm
Definition-----	≥ 600 TVL
SNR-----	≥ 46 db
Camera shooting distance(m)-----	0.8~2
Foci-----	F3.66~91.36 mm
Double ratio-----	22 double
Video frequency export:-----	1.0Vp-p75 Ω
Vidicon power supply-----	$12VDC \pm 10\%$
Video frequency transceiver-----	plast-off frequency: 1.2GHZ
Lowest height of installation-----	3100 mm



SHANGHAI HUIFENG MEDICAL INSTRUMENT CO., LTD.

YD02-LED5S-TV Shadowless Operating Lamp

Technical Data:

Illuminance-----	$\geq 130.000 \text{ Lux}$
Colour temperature -----	$4800 \pm 200 \text{ K}$
Colour reduction index (Ra) -----	96
Illuminance depth -----	1050mm
Total irradiance -----	480W/m^2
Size of light field -----	120~240mm
Lamp head diameter -----	550mm
Definition-----	$\geq 600 \text{ TVL}$
SNR-----	$\geq 46 \text{ db}$
Camera shooting distance(m)-----	0.8~2
Foci-----	F3.66~91.36 mm
Double ratio-----	22 double
Video frequency export:-----	1.0Vp-p75 Ω
Vidicon power supply-----	$12\text{VDC} \pm 10\%$
Video frequency transceiver-----	plast-off frequency: 1.2GHZ



worktable



SHANGHAI HUIFENG MEDICAL INSTRUMENT CO., LTD.

YD02-LED3+5 Shadowless Operating Lamp



Technical Data:

Illuminance-----	LED3: ≥ 80.000 Lux
-----	LED5: ≥ 130.000 Lux
Colour temperature -----	4800 ± 200 K
Colour reduction index (Ra) -----	96
Illuminance depth -----	1050mm
Total irradiance -----	$310\text{W}/\text{m}^2/480\text{W}/\text{m}^2$
Size of light field-----	120~240mm
Lamp head diameter -----	500mm/550mm
Rated power of bulb -----	3.2V/1W
Service life of illuminant-----	$\geq 30.000\text{h}$
Power supply voltage -----	AC 110-240V, 50/60Hz
Lowest height of installation-----	2900 mm



YD02-LED3+4 Shadowless Operating Lamp



Technical Data:

Illuminance-----	LED3: ≥ 80.000 Lux
-----	LED4: ≥ 100.000 Lux
Colour temperature -----	4800 ± 200 K
Colour reduction index (Ra) -----	96
Illuminance depth -----	1050mm
Total irradiance -----	$310\text{W}/\text{m}^2/420\text{W}/\text{m}^2$
Size of light field-----	120~240mm
Lamp head diameter -----	500mm/550mm
Rated power of bulb -----	3.2V/1W
Service life of illuminant-----	$\geq 30.000\text{h}$
Power supply voltage -----	AC 110-240V, 50/60Hz
Lowest height of installation-----	2900 mm



SHANGYI MEDICAL INSTRUMENT CO., LTD.

YD02-LED3+3 Shadowless Operating Lamp



Technical Data:

Illuminance-----	$\geq 80.000 \text{ Lux} / \geq 80.000 \text{ Lux}$
Colour temperature -----	$4800 \pm 200 \text{ K}$
Colour reduction index (Ra) -----	96
Illuminance depth -----	1050mm
Total irradiance -----	$310\text{W}/\text{m}^2$
Size of light field-----	120~240mm
Lamp head diameter -----	500mm/500mm
Rated power of bulb -----	3.2V/1W
Service life of illuminant-----	$\geq 30.000\text{h}$
Power supply voltage -----	AC 110-240V, 50/60Hz
Lowest height of installation-----	2900 mm



YD02-LED4+5 Shadowless Operating Lamp



Technical Data:

Illuminance-----	LED4: ≥ 100.000 Lux
-----	LED5: ≥ 130.000 Lux
Colour temperature -----	4800 ± 200 K
Colour reduction index (Ra) -----	96
Illuminance depth -----	1050mm
Total irradiance -----	$420\text{W}/\text{m}^2/480\text{W}/\text{m}^2$
Size of light field-----	120~240mm
Lamp head diameter -----	550mm/550mm
Rated power of bulb -----	3.2V/1W
Service life of illuminant-----	$\geq 30.000\text{h}$
Power supply voltage -----	AC 110-240V, 50/60Hz
Lowest height of installation-----	2900 mm



SHANGYI MEDICAL EQUIPMENT CO., LTD.

YD02-LED4+4 Shadowless Operating Lamp



Technical Data:

Illuminance-----	LED4: $\geq 100.000 \text{ Lux}$ $\geq 100.000 \text{ Lux}$
Colour temperature -----	$4800 \pm 200 \text{ K}$
Colour reduction index (Ra) -----	96
Illuminance depth -----	1050mm
Total irradiance -----	$480\text{W}/\text{m}^2/480\text{W}/\text{m}^2$
Size of light field-----	120~240mm
Lamp head diameter -----	550mm/550mm
Rated power of bulb -----	3.2V/1W
Service life of illuminant-----	$\geq 30.000\text{h}$
Power supply voltage -----	AC 110-240V, 50/60Hz
Lowest height of installation-----	2900 mm



YD02-LED3 Shadowless Operating Lamp



Technical Data:

Illuminance-----	≥ 80.000 Lux
Colour temperature -----	4800 ± 200 K
Colour reduction index (Ra) -----	96
Illuminance depth -----	1050mm
Total irradiance -----	$310\text{W}/\text{m}^2$
Size of light field-----	120~240mm
Lamp head diameter -----	500mm
Rated power of bulb -----	3.2V/1W
Service life of illuminant-----	≥ 30.000 h
Power supply voltage -----	AC 110-240V, 50/60Hz
Lowest height of installation-----	2900 mm



YD02-LED4 Shadowless Operating Lamp



Technical Data:

Illuminance-----	≥ 100.000 Lux
Colour temperature -----	4800 ± 200 K
Colour reduction index (Ra) -----	96
Illuminance depth -----	1050mm
Total irradiance -----	$420\text{W}/\text{m}^2$
Size of light field-----	120~240mm
Lamp head diameter -----	550mm
Rated power of bulb -----	3.2V/1W
Service life of illuminant-----	$\geq 30.000\text{h}$
Power supply voltage -----	AC 110-240V, 50/60Hz
Lowest height of installation-----	2900 mm



YD02-LED5 Shadowless Operating Lamp



Technical Data:

Illuminance-----	≥ 130.000 Lux
Colour temperature -----	4800 ± 200 K
Colour reduction index (Ra) -----	96
Illuminance depth -----	1050mm
Total irradiance -----	$420\text{W}/\text{m}^2$
Size of light field-----	120~240mm
Lamp head diameter -----	550mm
Rated power of bulb -----	3.2V/1W
Service life of illuminant-----	$\geq 30.000\text{h}$
Power supply voltage -----	AC 110-240V, 50/60Hz
Lowest height of installation-----	2900 mm



YD02-LED3(on wall) Shadowless Operating Lamp



Technical Data:

Illuminance-----	≥ 80.000 Lux
Colour temperature -----	4800 ± 200 K
Colour reduction index (Ra) -----	96
Illuminance depth -----	1050mm
Total irradiance -----	310W/m^2
Size of light field-----	120~240mm
Lamp head diameter -----	500mm
Rated power of bulb -----	3.2V/1W
Service life of illuminant-----	≥ 30.000 h
Power supply voltage -----	AC 110-240V, 50/60Hz
Lowest height of installation-----	2600 mm



YD02-LED4(on wall) Shadowless Operating Lamp



Technical Data:

Illuminance-----	≥ 100.000 Lux
Colour temperature -----	4800 ± 200 K
Colour reduction index (Ra) -----	96
Illuminance depth -----	1050mm
Total irradiance -----	$420\text{W}/\text{m}^2$
Size of light field-----	120~240mm
Lamp head diameter -----	550mm
Rated power of bulb -----	3.2V/1W
Service life of illuminant-----	≥ 30.000 h
Power supply voltage -----	AC 110-240V, 50/60Hz
Lowest height of installation-----	2600 mm



YD02-LED5(on wall) Shadowless Operating Lamp



Technical Data.

Illuminance-----	≥ 130.000 Lux
Colour temperature -----	4800 ± 200 K
Colour reduction index (Ra) -----	96
Illuminance depth -----	1050mm
Total irradiance -----	$480W/m^2$
Size of light field-----	120~240mm
Lamp head diameter -----	550mm
Rated power of bulb -----	3.2V/1W
Service life of illuminant-----	$\geq 30.000h$
Power supply voltage -----	AC 110-240V, 50/60Hz
Lowest height of installation-----	2600 mm



YD02-LED3(mobile) Shadowless Operating Lamp

Technical Data:

Illuminance-----	≥ 80.000 Lux
Colour temperature -----	4800 ± 200 K
Colour reduction index (Ra) -----	96
Illuminance depth -----	1050mm
Total irradiance -----	310W/m^2
Size of light field-----	120~240mm
Lamp head diameter -----	500mm
Rated power of bulb -----	3.2V/1W
Service life of illuminant-----	$\geq 30.000\text{h}$
Power supply voltage -----	AC 110-240V, 50/60Hz



SHANGHAI HUIFENG MEDICAL INSTRUMENT CO., LTD.

YD02-LED4(mobile) Shadowless Operating Lamp



Technical Data:

Illuminance-----	≥ 100.000 Lux
Colour temperature -----	4800 ± 200 K
Colour reduction index (Ra) -----	96
Illuminance depth -----	1050mm
Total irradiance -----	$420\text{W}/\text{m}^2$
Size of light field-----	120~240mm
Lamp head diameter -----	550mm
Rated power of bulb -----	3.2V/1W
Service life of illuminant-----	≥ 30.000 h
Power supply voltage -----	AC 110-240V, 50/60Hz



SHANGHAI HUIFENG MEDICAL INSTRUMENT CO., LTD.

YD02-LED5(mobile) Shadowless Operating Lamp

Technical Data:

Illuminance-----	≥ 130.000 Lux
Colour temperature -----	4800 ± 200 K
Colour reduction index (Ra) -----	96
Illuminance depth -----	1050mm
Total irradiance -----	$480\text{W}/\text{m}^2$
Size of light field-----	120~240mm
Lamp head diameter -----	550mm
Rated power of bulb -----	3.2V/1W
Service life of illuminant-----	$\geq 30.000\text{h}$
Power supply voltage -----	AC 110-240V, 50/60Hz



SHANGHAI HUIFENG MEDICAL INSTRUMENT CO., LTD.

YD02-LED3(Emergency mobile) Shadowless Operating Lamp



Technical Data:

Illuminance-----	≥ 80.000 Lux
Colour temperature -----	4800 ± 200 K
Colour reduction index (Ra) -----	96
Illuminance depth -----	1050mm
Total irradiance -----	310W/m^2
Size of light field-----	120~240mm
Lamp head diameter -----	500mm
Rated power of bulb -----	3.2V/1W
Service life of illuminant-----	≥ 30.000 h
Power supply voltage -----	AC 110-240V, 50/60Hz
Emergency time -----	2.5 hours



SHANGHAI HUIFENG MEDICAL INSTRUMENT CO., LTD.

YD02-LED4(Emergency mobile) Shadowless Operating Lamp

Technical Data:

Illuminance-----	≥ 100.000 Lux
Colour temperature -----	4800 ± 200 K
Colour reduction index (Ra) -----	96
Illuminance depth -----	1050mm
Total irradiance -----	$420\text{W}/\text{m}^2$
Size of light field-----	120~240mm
Lamp head diameter -----	550mm
Rated power of bulb -----	3.2V/1W
Service life of illuminant-----	≥ 30.000 h
Power supply voltage -----	AC 110-240V, 50/60Hz
Emergency time -----	2.5 hours



SHANGHAI HUIFENG MEDICAL INSTRUMENT CO., LTD.

YD02-LED5(Emergency mobile) Shadowless Operating Lamp



Technical Data:

Illuminance-----	≥ 130.000 Lux
Colour temperature -----	4800 ± 200 K
Colour reduction index (Ra) -----	96
Illuminance depth -----	1050mm
Total irradiance -----	480W/m^2
Size of light field-----	120~240mm
Lamp head diameter -----	550mm
Rated power of bulb -----	3.2V/1W
Service life of illuminant-----	≥ 30.000 h
Power supply voltage -----	AC 110-240V, 50/60Hz
Emergency time -----	2.5 hours



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