



medical equipment manufacturer



LED
SURGICAL
LIGHTS

PRODUCT
CATALOG



LED TECHNOLOGY

No performance degradation over a service life of more than 60,000 hours. LEDs specially developed for medical applications



COMFORTABLE LIGHT

Shadow-free illumination. Uniform light distribution across the entire field at different working heights. A Color Rendering Index (CRI) above 95 reduces eye strain during surgery



NO HEAT

The surgical light does not heat the surgical field, helping maintain the required temperature conditions and preventing heat exposure for the surgeon



VIDEO SYSTEM

Selected models are equipped with a Full HD camera with 18x optical zoom, enabling video recording and online video transmission



CONFIGURATIONS

Customized configurations are available, including ceiling-mounted, wall-mounted, and mobile versions, as well as customized ceiling suspension and mounting heights from 2 to 5 m



3-YEAR WARRANTY

We are confident in the quality of our products and provide a 3-year warranty

*Registration Certificate No. P3H 2022/17358 dated May 27, 2022

*Certificate of Origin (Form ST-1) No. 3051000023 dated April 6, 2023

*Unified Register of Russian Radio-Electronic Products

Single-head surgical lights



5M



Technical specifications



6M

5/60	Number of modules / LEDs	6/72
Aluminum / Steel	Housing / suspension material	Aluminum / Steel
Yes	Beam focusing into a single field	Yes
120 klx	Illuminance	140 klx
>95	Color Rendering Index (CRI)	>95
200–240 mm	Light field diameter at a distance of 1 m	200–320 mm
500 mm	Light head diameter	500 mm
2 m radius	Horizontal movement range	2 m radius
4 kg	Light head weight without suspension	4 kg
45 kg	Mobile unit weight	45 kg
Ceiling-mounted, wall-mounted, mobile	Configuration	Ceiling-mounted, wall-mounted, mobile

Additional options:



Power supply unit;



Display and Control Panel

Single-head surgical lights



6M



6S

Technical specifications

6/72	Number of modules / LEDs	112
Aluminum / Steel	Housing / suspension material	Aluminum / Steel
Yes	Beam focusing into a single field	Yes
140 klx	Illuminance	150/50 klx
>95	Color Rendering Index (CRI)	>95
200–320 mm	Light field diameter at a distance of 1 m	200 mm до 400 mm
500 mm	Light head diameter	500 mm
2 m radius	Horizontal movement range	2 m radius
4 kg	Light head weight without suspension	4 kg
45 kg	Mobile unit weight	45 kg
Ceiling-mounted, wall-mounted, mobile	Configuration	Ceiling-mounted, wall-mounted, mobile

Additional options:



Power supply unit;



Display and Control Panel

Single-head surgical light



Technical specifications

5C

Number of modules / LEDs	5/60
Housing / suspension material	Aluminum / Steel
Beam focusing into a single field	Yes
Illuminance	120 klx
Color Rendering Index (CRI)	>95
Light field diameter at a distance of 1 m	200–240 mm
Light head diameter	500 mm
Horizontal movement range	2 m radius
Light head weight without suspension	4 kg
Mobile unit weight	45 kg
Configuration	Ceiling-mounted, wall-mounted, mobile

Additional options:



Power supply
unit;



Display and Control Panel

Medical Surgical Light with Full HD Video Camera



Designed for recording the surgical field. The image can be displayed on a TV, monitor, or video projector. The video signal can be transmitted online and recorded using a digital video recorder for storage of video footage.

Resolution: Full HD 1080p
Image Sensor: Sony
Optical Zoom: 18×
HDD Capacity: 500 GB and above
Working Distance: 800–1,200 mm
Focus: Automatic / Manual
Control: Mouse
Compatible Monitor: Full HD, 24" or larger
Compatible Video Projector: Full HD

Dual-head surgical lights



5M5M



6M6M

Technical specifications

10/120
Aluminum / Steel

Yes

120/120 klx

>95

200-240 mm

500/500 mm

2 m radius

4+4 kg

Number of modules / LEDs
Housing / suspension material
Beam focusing into a single field

Illuminance

Color Rendering Index (CRI)

Light field diameter at a distance of 1 m

Light head diameter

Horizontal movement range

Light head weight without suspension

6/72

Aluminum / Steel

Yes

140/140 klx

>95

200-320 mm

500/500 mm

2 m radius

4+4 kg

Additional options:



Power supply
unit;



Display and Control Panel

Dual-head surgical lights



5M5C



6S6S

Technical specifications

10/120
Aluminum / Steel

Yes

120/120 klx

>95

200–240 mm

500/500 mm

2 m radius

4+4 kg

Number of modules / LEDs

Housing / suspension material

Beam focusing into a single field

Illuminance

Color Rendering Index (CRI)

Light field diameter at a distance of 1 m

Диаметр купола

Light head diameter

Light head weight without suspension

Additional peripheral
lighting function

184

Aluminum / Steel

Yes

160/140 klx

>95

200–400 mm

500/500 mm

2 m radius

4+4 kg



Additional options:



Power supply
unit;



Display and Control Panel



medical equipment manufacturer

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