



LED OPERATION LIGHT

LED OPERATION LIGHT BGZ1P1

SINGLE ARM LED OPERATING LAMP

Challenging tasks require special solutions. The innovative LED operation light gives you benefits of cutting-edge LED technology in a uniquely effective manner. We focus on providing LED lights that are more color-accurate, more flexible, more economical. We offer innovative light and system solutions that can be retrofitted easily and without special preparation.



SPECIFICATIONS

Model	BGZ1P1
Old Model	BOPL-405
Head dimensions	500mm
Illuminance Adjustable Range	25% - 100%
Color Temperature (K)	4000 - 5000 K
CRI (Ra)	95
CRI (R9 / R10 / R13)	R9: 90, R10: -, R13: 92
50% Spot Diameter (D50)	120 mm
10% Spot Diameter (D10)	230 mm
Illumination Depth	120 cm
Ultraviolet Light Irradiance (within 40 nm wavelength)	$\leq 0.002 \text{ W/m}^2$
Temperature at Surgeon's Head	$\leq 2^\circ\text{C}$
Focus Mode	Manual
Power Supply	220V, 50Hz
Lamp Beads Power	1W x 45N
Average Life Expectancy (Lamp Beads)	50,000 hours
Lowest Installation Height	2.8 m - 3.1 m
Alt Name	Single Arm LED Operating Lamp

APPLICATIONS

Dental implant surgery, Medical unit, Surgery, Operation theatre.

LED OPERATION LIGHT BGZ1Q1

SINGLE ARM LED OPERATING LAMP

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SPECIFICATIONS

Model	BGZ1Q1
Old Model	BOPL-406
Technical Parameters	700 LED head
Illumination Intensity	40,000 - 160,000 Lux
Color Temperature	3000 - 5000 K
Color Rendering Index (Ra)	≥ 98
Special Color Rendering Index (R9)	≥ 98
Special Color Rendering Index (R13 / R15)	≥ 99
Diameter of Light Spot	120 - 350 mm
Illumination Depth	≥ 1500 mm
Lamp Head Power	180 VA
LED Service Life	≥ 60,000 hours
Global Voltage	100-240 V, 50/60 Hz
Alt Name	Single Arm LED Operating Lamp

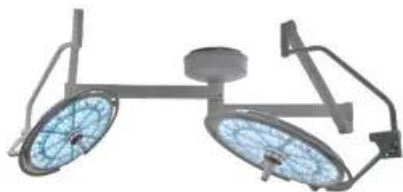
APPLICATIONS

Medical unit, Surgery, Operation theatre.

LED OPERATION LIGHT BGZ1S1

DOUBLE ARM LED OPERATING LAMP

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SPECIFICATIONS

Model	BGZ1S1
Old Model	BOPL-408
Illumination	140,000 Lux
Adjusting range of illuminance	10-100%
Spot diameter (D50-D10)	130-350 mm
Color rendering Index	≥97
Color temperature	3600K-5500K (±500K) variable
Average bulb life (hours)	100,000 h Power of bulb- 1 W x N 64 Light focus system- Manual
Power Supply	220 V 50 Hz
Input power	80 W
Ceiling height for installation	2.8 m
Alt Name	Double Arm LED Operating Lamp

APPLICATIONS

Dental implant surgery, Medical unit, Surgery, Operation theatre.

LED OPERATION LIGHT BGZ1R1

LED OPERATION LAMP

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The no welding titanium alloy main arm is adopted, so that the appearance is aesthetic and the rotation is more flexible and convenient.

The depolished panel made of imported material makes the light rays softer

The imported switch power supply is adopted to control the voltage, making the work voltage permanently stable

The special radiation filter reducing the heat to the minimum level

Imported lamp receptacle, Tungsten halogen bulbs of international brand are adopted with the average service more than 1500 hours

Light adjustment circuit adopts CPU control, enabling increase or decrease of illumination and boasting brightness memory

One lamp holder with two bulbs enables automatic operation of the standby bulb in 1/2 second when the main bulb malfunctions, and it has indicators for the dama

SPECIFICATIONS

Model	BGZ1R1
Old Model	BOPL-407
Technical Parameters	700 LED head / 700 LED head
Illumination Intensity	40,000 - 160,000 Lux
Color Temperature	3000 - 5000 K
Color Rendering Index (Ra)	≥ 98
Special Color Rendering Index (R9)	≥ 98
Special Color Rendering Index (R13 / R15)	≥ 99
Diameter of Light Spot	120 - 350 mm
Illumination Depth	≥ 1500 mm
Lamp Head Power	180 VA
LED Service Life	≥ 60,000 hours
Global Voltages	100-240 V, 50/60 Hz
Alt Name	LED Operation Lamp

FEATURES

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The depolished panel made of imported material makes the light rays softer

The imported switch power supply is adopted to control the voltage, making the work voltage permanently stable

The special radiation filter reducing the heat to the minimum level

Imported lamp receptacle, Tungsten halogen bulbs of international brand are adopted with the average service more than 1500 hours

Light adjustment circuit adopts CPU control, enabling increase or decrease of illumination and boasting brightness memory

One lamp holder with two bulbs enables automatic operation of the standby bulb in 1/2 second when the main bulb malfunctions, and it has indicators for the damage of the main or standby bulb.

APPLICATIONS

Medical unit, Surgery, Operation theatre.

LED OPERATION LIGHT BGZ1T1

DOUBLE ARM LED OPERATING LAMP

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Streamlined, ultra-thin, enclosed head with reduced air resistance to minimise contamination

Digital controlled light intensity without grades of brightness and automatic memory for added flexibility

Optionally built in power supply systems avoiding complicated installation of wall mounted control boxes

Auxiliary light source included for laparoscopic operations

Rigid suspension arm with easy mobility and stable positioning

No infrared or ultraviolet radiation

Backlight compensation function

Endoscopy light source

Stepless adjusting light source

SPECIFICATIONS

Model	BGZ1T1
Old Model	BOPL-409
Technical Parameters	700 LED head / 700 LED head
Illumination Intensity	40,000 - 160,000 Lux
Color Temperature	3000 - 5000 K
Color Rendering Index (Ra)	≥ 98
Special Color Rendering Index (R9)	≥ 98
Special Color Rendering Index (R13 / R15)	≥ 99
Diameter of Light Spot	120 - 350 mm
Illumination Depth	≥ 1500 mm
Lamp Head Power	180 VA
LED Service Life	≥ 60,000 hours
Global Voltages	100-240 V, 50/60 Hz
Alt Name	Double Arm LED Operating Lamp

APPLICATIONS

Dental implant surgery, Medical unit, Surgery, Operation theatre.



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