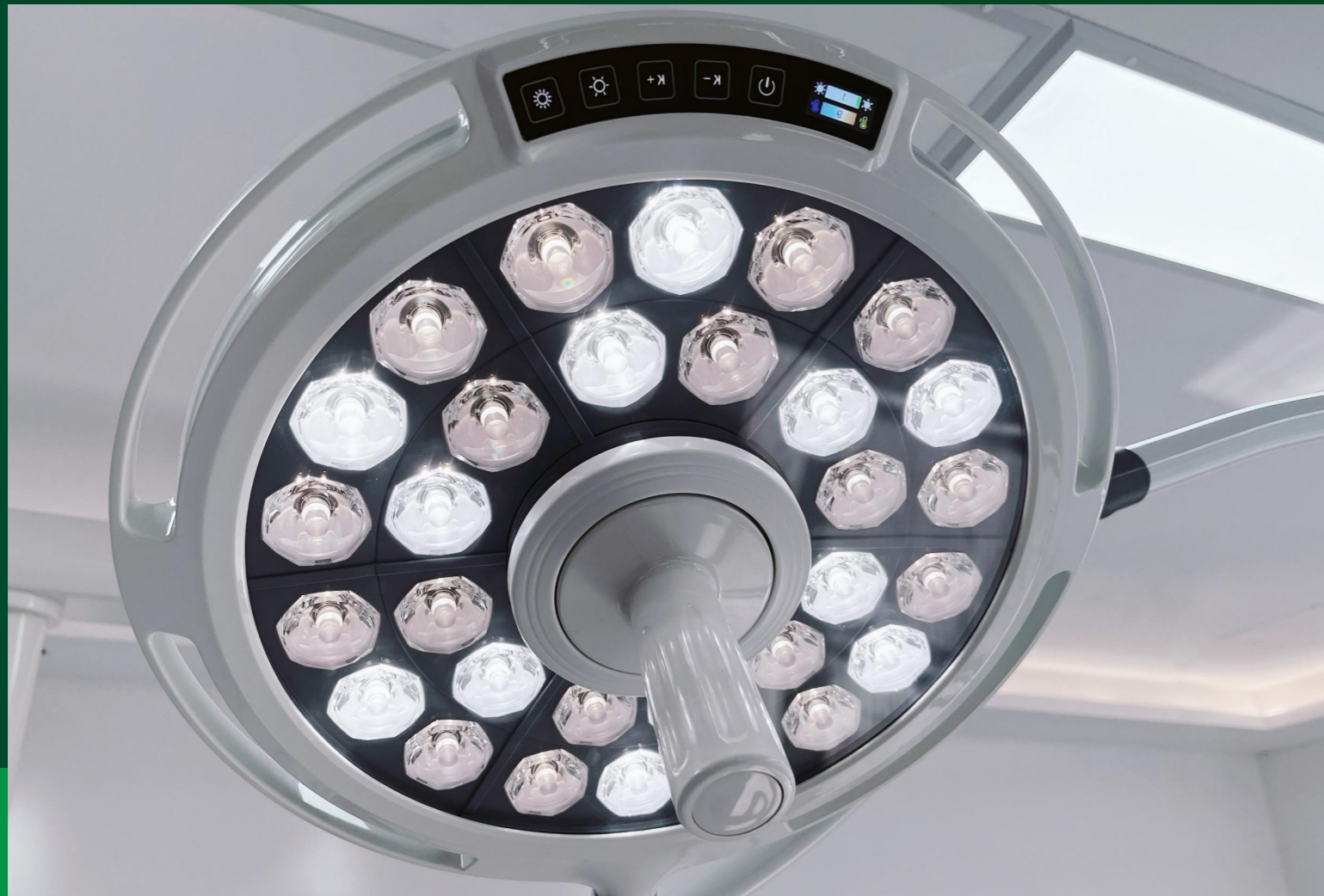




# MICARE LED OPERATING LIGHT



[www.surgicallight.com](http://www.surgicallight.com)

[www.micare-med.com](http://www.micare-med.com)

## Optimal lighting

# JD1800 SERIES

### Ease Of Use

Ergonomic sterilization handle for an easy movement of the light ,  
Smooth moving, long-reach arms  
combined with 270° rotation ensure that light is available from the head

### Highest lighting quality

Thanks to a concave lighting head design, diamond optics and premium LEDs, homogeneous light field and high illuminance with 120,000lux in dimming 9 levels low shadowing, excellent color rendering (Ra > 96, R13 > 93)

### Ideal colour reproduction

With a colour temperature of 3,800 - 5,300 K in 9 steps, the Micare JD1800 provides natural white with warm yellow light. This is both comfortable to the eye of the surgeon and allows best tissue definition.

### Highest lighting quality

MICARE JD1800 employs highly developed optics, based on the principle of total internal reflection with an integrated Fresnel structure. This optimally directed light provides the user with an excellent depth of illumination. Absence of shadows, reflections and glare ensure safe working.

## MICARE MEDICAL

THE BRILLIANT SIDE OF MEDICAL LIGHTING

Healthcare Design.

# JD1800 SERIES MINOR SURGERY LIGHTING

[www.micare-med.com](http://www.micare-med.com)

**MICARE MEDICAL**  
THE BRILLIANT SIDE OF MEDICAL LIGHTING

Add: Yaohu West 5th Road, Hi-Tech Zone,  
Nanchang, Jiangxi, China

[www.surgicallight.com](http://www.surgicallight.com)

One of the fundamental requirements for an Minor Surgery Light is an excellent light source which combined with a high quality arm system to allow easy positioning and use of the lamp. The JD1800 Minor Surgery light has been designed with years of knowledge and with both of these at the forefront of the development.

The innovative design of the JD1800 makes the lamp the perfect choice for Clinicians

**We Are  
MICARE MEDICAL**

Healthcare Design.

# JD1800 SERIES

www.surgicallight.com

www.micare-med.com



Micare LED medical lights use the latest innovations in LED lighting technology to provide you with better performance and lower lifetime costs.

The choice of medical lights we offer vary in light intensity, light colour, mounting structures and price so you can choose a light that meets all of your clinical examination needs.

Healthcare Design.

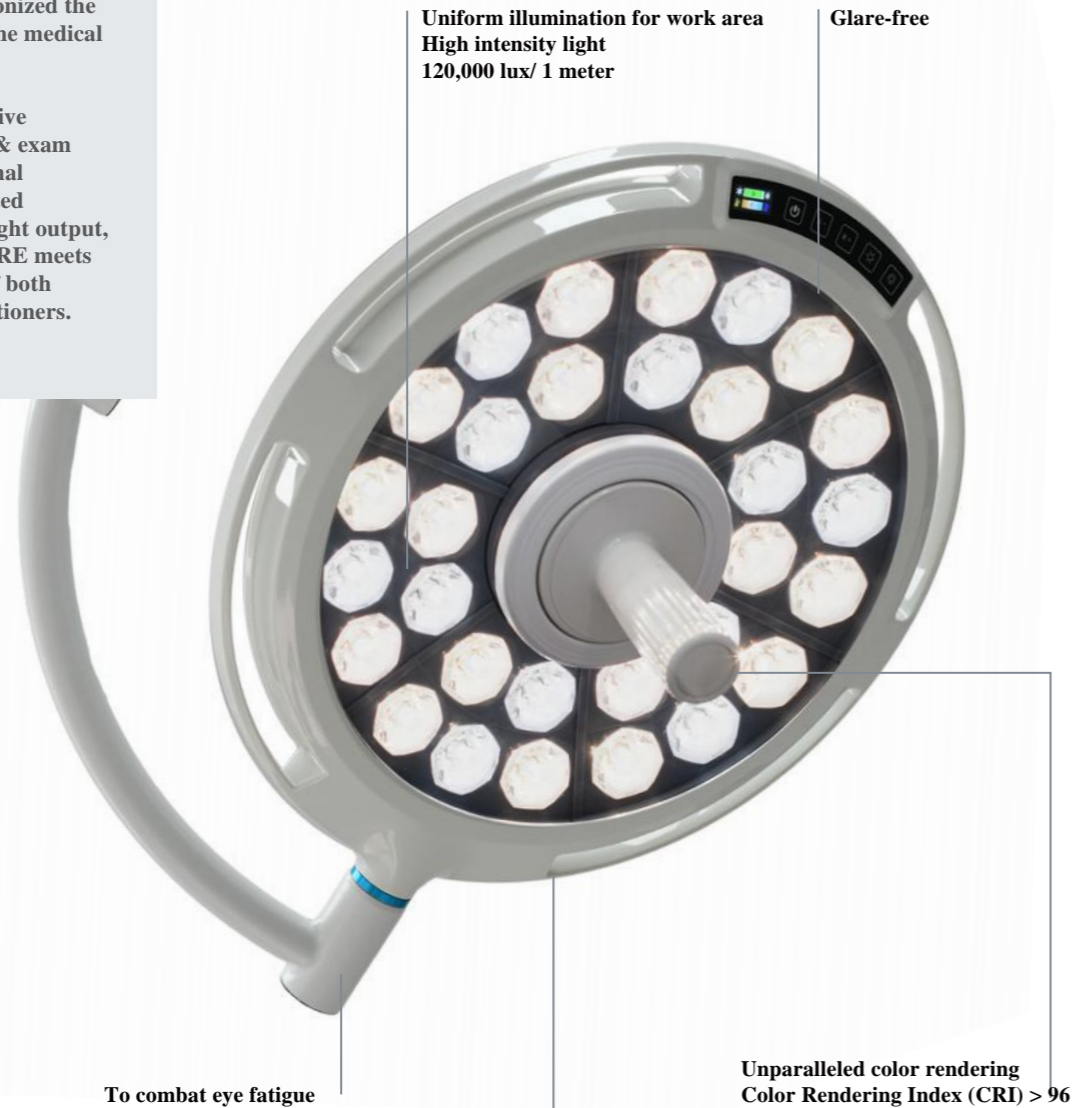
# PRODUCT INFORMATION

## JD1800 MINOR SURGERY LIGHT

### MICARE JD1800 SERIES

LED technology has revolutionized the art of equipment design for the medical sector.

MICARE brings this innovative technology to the procedure & exam area. With its advanced thermal management system, integrated dimming controls, brilliant light output, and compact housing, MICARE meets the stringent requirements of both hospital designers and practitioners.



Uniform illumination for work area  
High intensity light  
120,000 lux/ 1 meter

Glare-free

To combat eye fatigue

Unparalleled color rendering  
Color Rendering Index (CRI) > 96

Easy to clean  
The removable handle can be sterilized and the closed construction of the fixture allows for easy cleaning



### MAINTENANCE-FREE

LED technology allows for long periods of maintenance-free usage. No service for bulb replacement necessary for the life of the fixture.

- Long lamp life of 30,000 hours

### CLEANING AND STERILIZATION

Its closed construction and smooth surface allows for quick, thorough cleaning. In addition, any penetration of dust, dirt or liquids is prevented. The removable handle is easy to sterilize.

- Removable and sterilizable handle
- Closed construction protects mechanics



### HIGH-QUALITY COMPONENTS

High-quality components guarantee a strong, user-friendly luminaire. Derungs uses only top of the line materials to garner maximum benefits from its product.

### Luminaire body:

Polycarbonate & acrylonitrile-butadiene-styrene copolymer (PC & ABS)  
Lens Cover:  
Polymethyl methacrylate (PMMA)  
An ABR-GL protective coating makes the lens cover scratch proof.



### IMPROVED ENERGY EFFICIENCY

Notable energy savings is gained thanks to the most up-to-date LED technology: high illumination using only 30 watts of power. If lower light levels are necessary, power consumption will be even less.

### ILLUMINATION / LIGHT INTENSITY REGULATION

Easy operation: One LCD control switches the light on/off and dims with nine light levels, providing the practitioner with the quick, convenient control necessary when many different procedures are being done during the course of the day



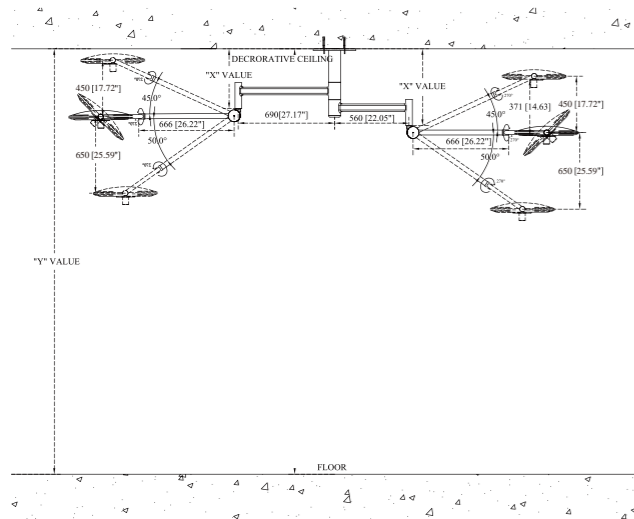
### GLARE-FREE

The light beam is focused and glare-free whatever the angle of sight. This avoids bothersome reflections on the surface.

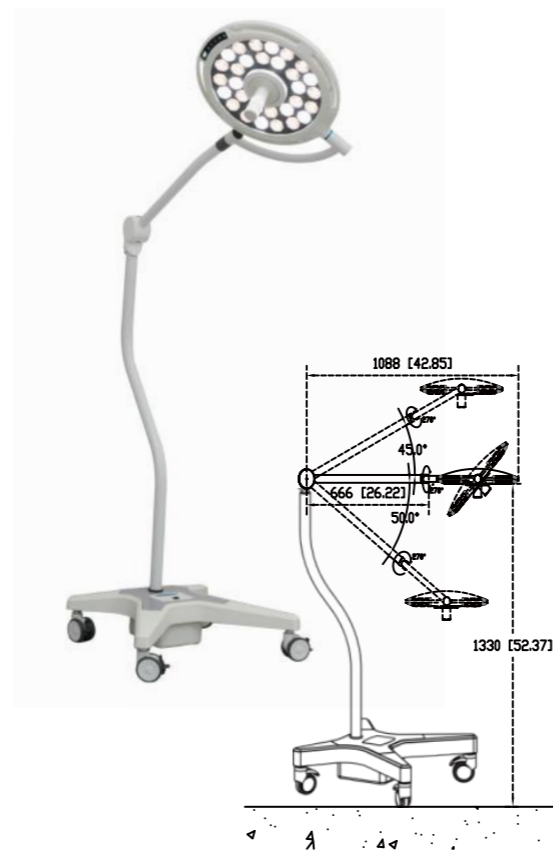
- Dimmable from 100% – 10%
- 120,000 lux/39.5in (1m)
- Illuminated area 6.5in (160mm)
- CRI > 95
- Glare-, shadow- and reflection-free

### NO RADIATION OF HEAT

An ideal working environment for a physician during a procedure includes clear, glare-free light with almost no infrared or UV radiation. Not only does this add to the comfort of the physician, staff and patient, but also prevents tissue from drying out or being affected by the heat, a genuine concern to the provider.

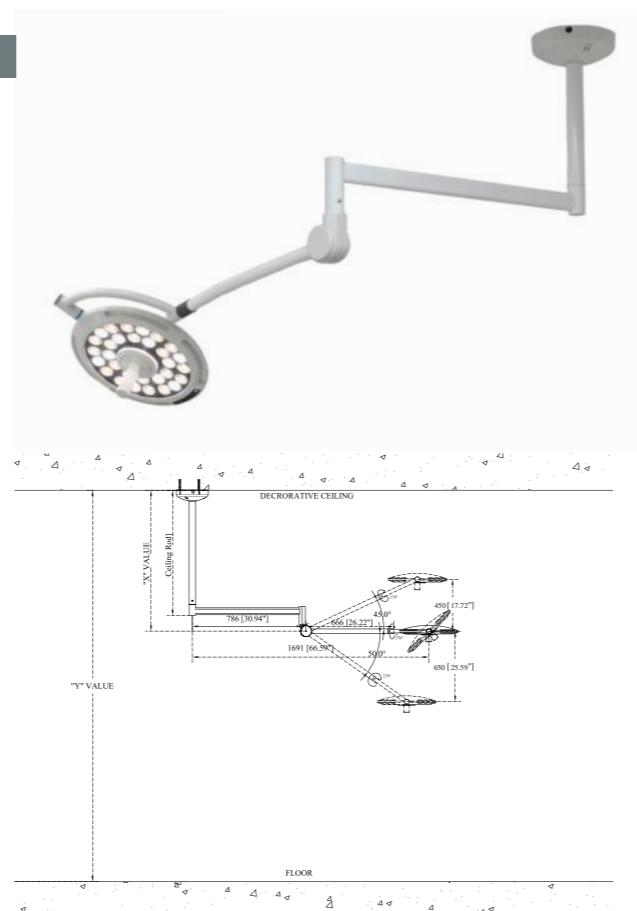


TECHNICAL DATA SHEET		JD1800 DOUBLE CEILING MOUNTY
Voltage Supply	95-245V~50/60Hz	
Power	30W	
Light Intensity at EC (1M)	120,000Lux Maximum	
Intensity Control	9 Steps	
LED Quantity	30PCS (12PCS White + 18PCS Yellow)	
Light Facula Diameter	Ø 160 - 250MM	
Color temperature	3,800 - 5,500K (9Steps Control)	
Digital Switch	LCD Touch Screen	
Lamp head diameter	410MM	
LED Life Span	80,000Hrs (osram Brand)	
CRI (R1-R13)	≥96	
CRI (R9)	≥93	
Ultra Thin Thickness Of Lamp Head	65MM	
Working Distance	650 - 1800MM	
Body Material	Aluminum	
LED Bulb Size	35MM / PC	
Illumination Depth at 60%	700MM	
Illumination Depth At 20%	1100MM	
Certification Approved	CE MDR2017/745, ISO9001, ISO13485, FDA,EN 60601-1, EN 60601-2-41	
Standard With "Autoclave Sterilization Handle"		



TECHNICAL DATA SHEET		JD1800L PORTABLE
Voltage Supply	95-245V~50/60Hz	
Power	30W	
Light Intensity at EC (1M)	120,000Lux Maximum	
Intensity Control	9 Steps	
LED Quantity	30PCS (12PCS White + 18PCS Yellow)	
Light Facula Diameter	Ø 160 - 250MM	
Color temperature	3,800 - 5,500K (9Steps Control)	
Digital Switch	LCD Touch Screen	
Lamp head diameter	410MM	
LED Life Span	80,000Hrs (osram Brand)	
CRI (R1-R13)	≥96	
CRI (R9)	≥93	
Ultra Thin Thickness Of Lamp Head	65MM	
Working Distance	650 - 1800MM	
Body Material	Aluminum	
LED Bulb Size	35MM / PC	
Illumination Depth at 60%	700MM	
Illumination Depth At 20%	1100MM	
Certification Approved	CE MDR2017/745, ISO9001, ISO13485, FDA,EN 60601-1, EN 60601-2-41	
Standard With "Autoclave Sterilization Handle"		

TECHNICAL DATA SHEET		JD1800 SINGLE CEILING MOUNTY
Voltage Supply	95-245V~50/60Hz	
Power	30W	
Light Intensity at EC (1M)	120,000Lux Maximum	
Intensity Control	9 Steps	
LED Quantity	30PCS (12PCS White + 18PCS Yellow)	
Light Facula Diameter	Ø 160 - 250MM	
Color temperature	3,800 - 5,500K (9Steps Control)	
Digital Switch	LCD Touch Screen	
Lamp head diameter	410MM	
LED Life Span	80,000Hrs (osram Brand)	
CRI (R1-R13)	≥96	
CRI (R9)	≥93	
Ultra Thin Thickness Of Lamp Head	65MM	
Working Distance	650 - 1800MM	
Body Material	Aluminum	
LED Bulb Size	35MM / PC	
Illumination Depth at 60%	700MM	
Illumination Depth At 20%	1100MM	
Certification Approved	CE MDR2017/745, ISO9001, ISO13485, FDA,EN 60601-1, EN 60601-2-41	
Standard With "Autoclave Sterilization Handle"		



TECHNICAL DATA SHEET		JD1800G WALL MOUNT
Voltage Supply	95-245V~50/60Hz	
Power	30W	
Light Intensity at EC (1M)	120,000Lux Maximum	
Intensity Control	9 Steps	
LED Quantity	30PCS (12PCS White + 18PCS Yellow)	
Light Facula Diameter	Ø 160 - 250MM	
Color temperature	3,800 - 5,500K (9Steps Control)	
Digital Switch	LCD Touch Screen	
Lamp head diameter	410MM	
LED Life Span	80,000Hrs (osram Brand)	
CRI (R1-R13)	≥96	
CRI (R9)	≥93	
Ultra Thin Thickness Of Lamp Head	65MM	
Working Distance	650 - 1800MM	
Body Material	Aluminum	
LED Bulb Size	35MM / PC	
Illumination Depth at 60%	700MM	
Illumination Depth At 20%	1100MM	
Certification Approved	CE MDR2017/745, ISO9001, ISO13485, FDA,EN 60601-1, EN 60601-2-41	
Standard With "Autoclave Sterilization Handle"		





# PROFESSIONAL HEALTHCARE LIGHTING

[www.micare-med.com](http://www.micare-med.com)  
[www.surgicallight.com](http://www.surgicallight.com)

## MICARE MEDICAL

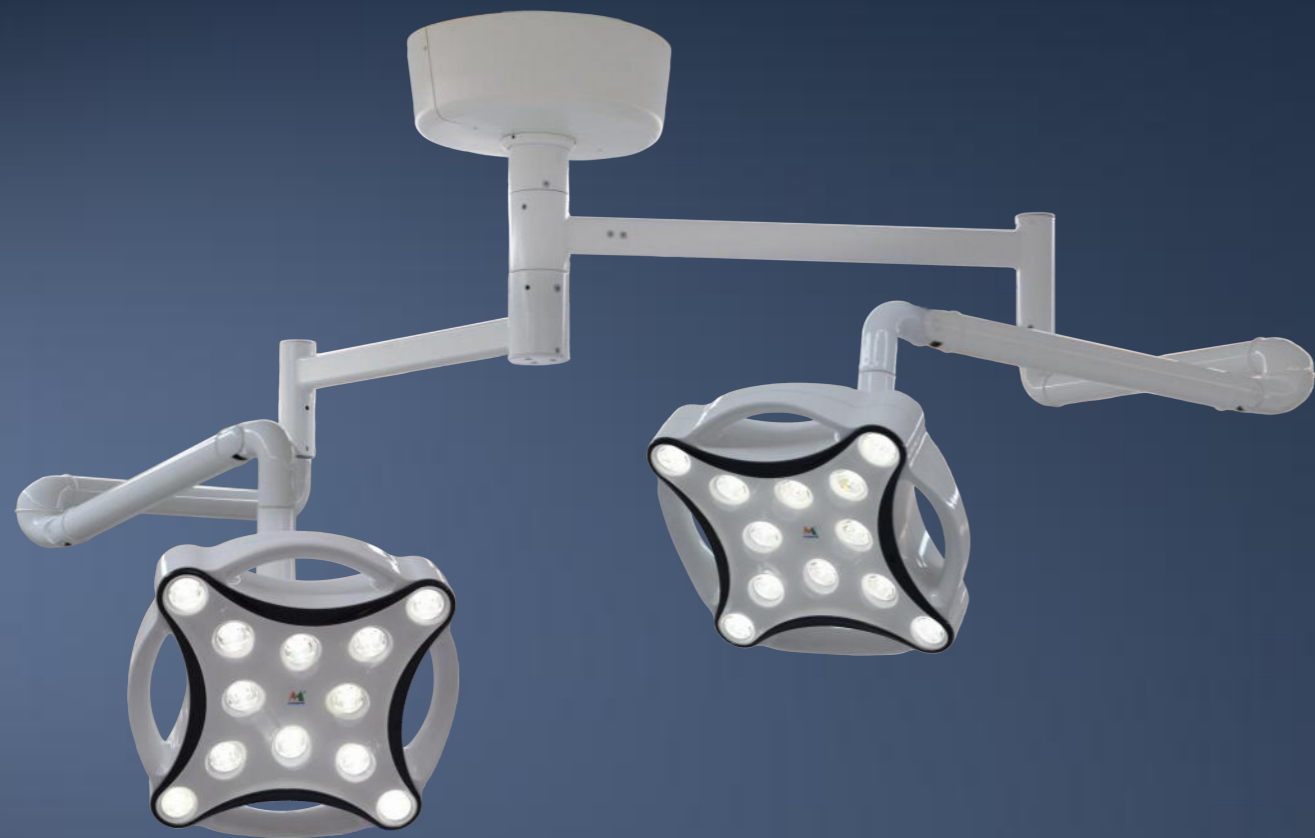
THE BRILLIANT SIDE OF MEDICAL LIGHTING

Add: Yaohu West 5th Road, Hi-Tech Zone, Nanchang, Jiangxi, China





# JD1700 LED PROCEDURE LAMP



## Power. Clarity. Efficiency.

Exam lighting you can rely on when the stakes are high.

The JD1700 LED Procedure Lamp delivers 130,000 LUX of high-intensity illumination to perform minor procedures and examinations with accuracy. The lightweight and compact design make it easy to position the fixture for maximal efficiency. So you can stay focused on the task at hand.

- 18 precisely positioned LED optics deliver high-level illumination and superior shadow control
- Color temperature of 5,000K and a CRI of 96+ provide excellent color accuracy to distinguish between tissues
- The ergonomic handle is off-center to maximize the light field for broader examinations



Ideal for use in:

ICU Rooms • ED / Trauma Departments • Procedure and Exam Rooms  
 Labor and Delivery Units • Cosmetic Surgery Center • Veterinary Surgery Center  
 Gynecology And Delivery • Orthopedics Examination • Dental Surgery

NANCHANG MICARE MEDICAL EQUIPMENT CO.,LTD.  
 Tel: 86-791-88127989  
 Web: <https://micare-med.com/>  
 Code: 330096  
 Add: Yaohu West 5th Road, Hi-Tech Zone, Nanchang, Jiangxi, China

**CE ISO FDA**



**130,000  
LUX**



**Sensor Switch  
Intensity Control**



**96+  
CRI**

## Reliable and safe – to simplify the everyday by specialists

Reliable surgical lighting is essential in clinics and Medical practices indispensable. The examination lights of MICARE make everyday work easier for examinations as well as in the preparation for the operation.



## Efficient LED technology and flexibility for optimal support in daily practice

The examination lights bring the latest LED technology to the medical examination area and are characterized by their high mobility and the good positioning of the lamp body in the daily work.

## Variable mounting – adaptable in any space

Ceiling mount, wall mount, rail clamp or Mobile stand: The examination light JD1700 is flexible can be used and covers all space requirements.



## Benefits for your environmental balance

For everyone who is already thinking about tomorrow today JD1700 the light of choice. simply because they not only provide optimal wound field illumination

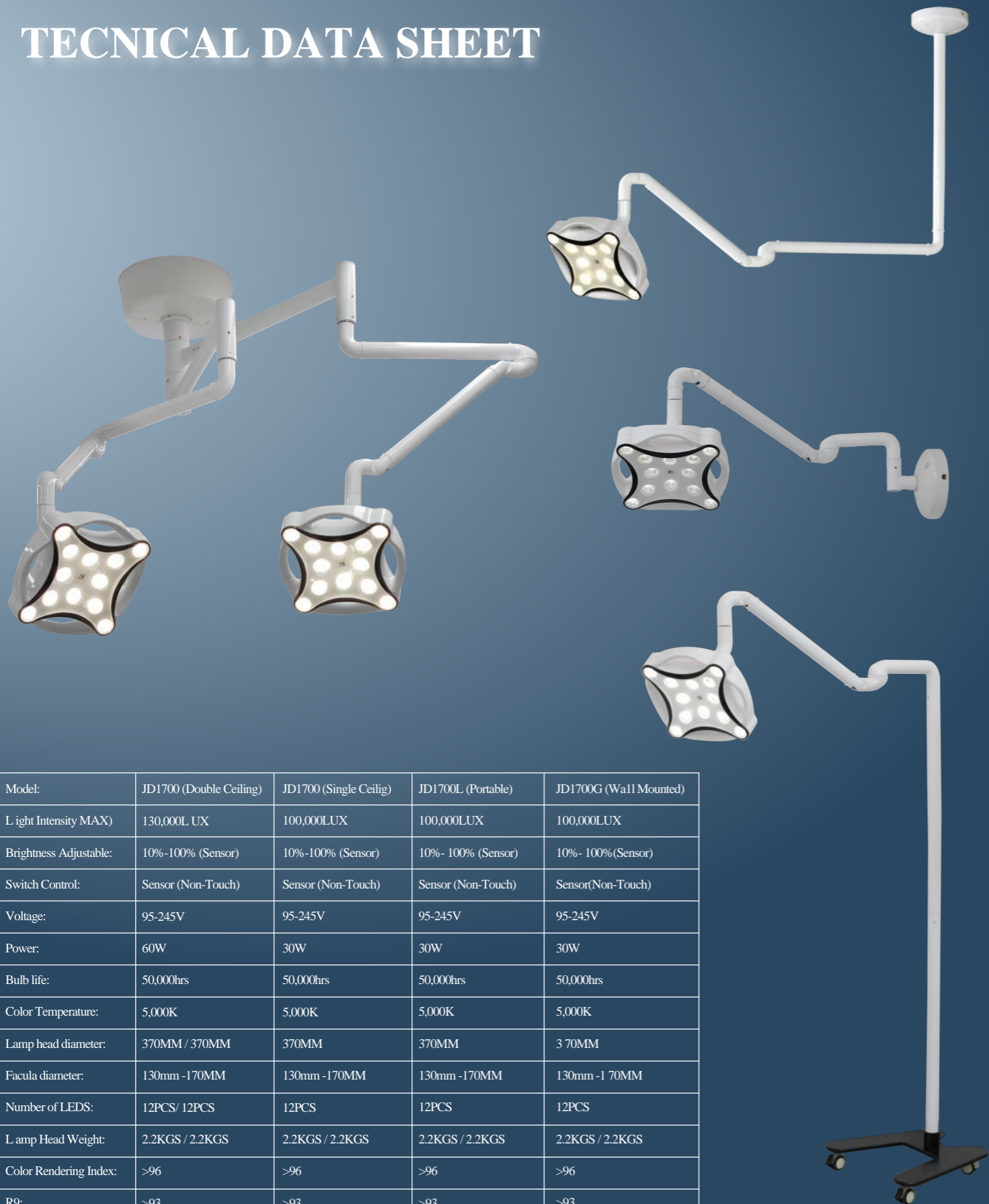


## Many advantages for your benefit

- modern LED technology
- Outstanding light output and efficiency
- long service life of the LEDs
- easy handling
- functional and ergonomic design
- comfortable positioning
- ergonomic handle
- light weight
- Completely closed lighting system
- easy cleaning
- high standard of hygiene



# TECNICAL DATA SHEET



Model:	JD1700 (Double Ceiling)	JD1700 (Single Ceilig)	JD1700L (Portable)	JD1700G (Wa11 Mounted)
L ight Intensity MAX)	130,000L UX	100,000LUX	100,000LUX	100,000LUX
Brightness Adjustable:	10%-100% (Sensor)	10%-100% (Sensor)	10%- 100% (Sensor)	10%- 100%(Sensor)
Switch Control:	Sensor (Non-Touch)	Sensor (Non-Touch)	Sensor (Non-Touch)	Sensor(Non-Touch)
Voltage:	95-245V	95-245V	95-245V	95-245V
Power:	60W	30W	30W	30W
Bulb life:	50,000hrs	50,000hrs	50,000hrs	50,000hrs
Color Temperature:	5,000K	5,000K	5,000K	5,000K
Lamp head diameter:	370MM / 370MM	370MM	370MM	3 70MM
Facula diameter:	130mm -170MM	130mm -170MM	130mm -170MM	130mm -1 70MM
Number of LEDS:	12PCS/ 12PCS	12PCS	12PCS	12PCS
L amp Head Weight:	2.2KGS / 2.2KGS	2.2KGS / 2.2KGS	2.2KGS / 2.2KGS	2.2KGS / 2.2KGS
Color Rendering Index:	>96	>96	>96	>96
R9:	>93	>93	>93	>93
Back Up Battry (6-8HRS)	/	/	Optional	/
Certifications :	CE, ISO13485, ISO9001, FDA, Free Sale Certificate, CFDA			



## JD1800L Minor LED Operating light

Technical Specifications	Details
Working Voltage	95V-245V, 50/60HZ
Light Intensity At EC (1Meter)	23,500 - 100,000Lux (5steps)
Light Field Diamter	130-190MM
Light head diameter	335MM
Number of LED's	16PCS (Osram Brand), 7pcs White LEDS + 9pcs Yellow LEDS
Life span of LED's	80,000HRS
Colour rendering index Ra (R1-R13)	96
Colour rendering index R9	93
Colour temperature (Kelvin):	3,500 - 5,500K (5steps)
Working distance	70-140CM
Electronic light intensity control at the light head	10%-100%
Endo Mode Light	6pcs Yellow + 1pc White LEDS
Endo Mode Intensity At EC (1M)	7,200 - 33,500Lux (5 steps)
Max. radiation in field in a distance of 1 meter	325 W/m <sup>2</sup>
Temperature increase in head area	≤1 C
Lamp Base Diameter	550*510*140MM
4Pcs Castors Size	80*45*75MM
Battery Back Up (Optional)	4-6HRS Working time
Packing size	160*57*25cm G.W:52KG
Certificates Approved	CE MDR 2017/745, ISO13485, ISO9001, FDA (510K)



## Visual acuity is basic for all aspects

It is no wonder that when healthcare professionals make the decision to upgrade to new lights, their overwhelming choice is MICARE medical

We look forward to providing you with further information, specifications, pricing or product demonstrations.

Our mission is to enhance your vision, your comfort and your performance in all exams and surgeries. For more than 15 years, healthcare professionals have chosen MICARE lights for value, reliability and quality. Compare, and see for yourself the noticeably brighter lights with no increase in heat, designed and manufactured by MICARE. This catalog shows general descriptions and features of our surgical,

Our mission is to enhance your vision, your comfort and your performance in all examinations and surgeries.

MICARE is a medical device manufacturer engaged in the business of designing, manufacturing and distributing high-quality examination, and surgery lighting equipment. Since its inception in 2005 Burton has been known for superior quality, exceptional value, and long-lasting solutions to complex lighting issues facing physicians, surgeons and veterinarians throughout the world. MICARE has over 250,000 lights installed in the all over the world alone and continues to grow based

### Meeting & Exceeding Standards

MICARE is certified as an ISO 13485, ISO 9001 manufacturing facility, the global standard for medical device manufacturers. CE certificate for export

**MICARE**

*Ideas In Lighting*

***MEDICAL EXAMINATION LAMP***

***COOL VIEWER***

***EXAMINATION & SURGERY***

***GYNECOLOGY, EMERGENCY, CLINIC, ICU, HOSPITAL BED, ENT, PLASTIC SURGERY, VET, DENTAL***

## Examination Lamp

# JD1100L Mobile Type

The sleek, powerful, efficient, precise light

The next generation of examination lighting has arrived. Outpatient LED Exam Light is the perfect low-maintenance, top-performing light for most examination applications in the hospital, physician's office, surgery center and veterinary field.

### Designed for patient comfort and ease of use

- LED sources provide virtually heat-free light for patient comfort
- High quality light for accurate color rendition
- Modularity for ease of installation and assembly

### Technical Specifications:

- Voltage:AC95V~245V
- MAX Power:7W
- LED Bulb Life:50000hrs(CREE Original)
- Color Temperature:4500~5500K
- Facula Diameter:15~270mm
- LED Intensity Illuminance:>45000LUX
- Lumen:840LM
- Switch Type:Foot Switch
- Spot Size Adjustable
- Max Height:1.8~1.9M
- Wheels : 5 Wheels With Brakes
- Material:Aluminum
- Package Details:57\*47\*18cm



## Examination Lamp

# JD1200L Mobile Type

The sleek, powerful, efficient, precise light

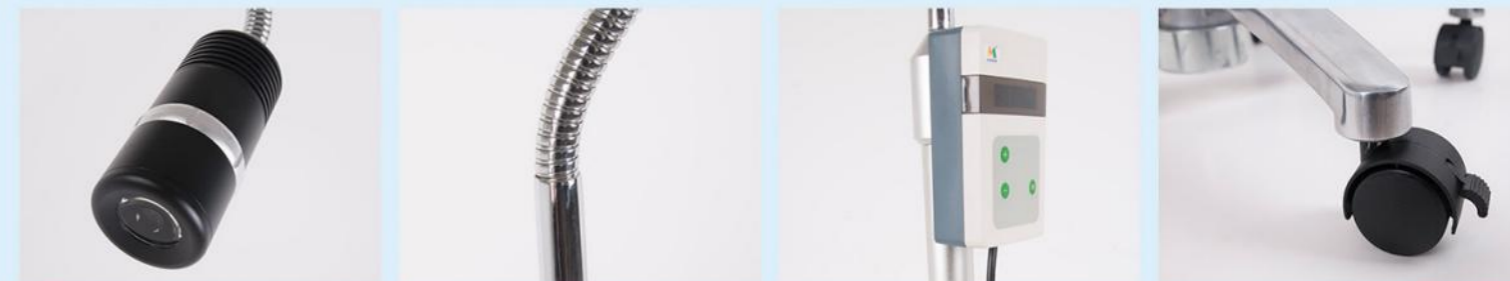
The next generation of examination lighting has arrived. Outpatient LED Exam Light is the perfect low-maintenance, top-performing light for most examination applications in the hospital, physician's office, surgery center and veterinary field.

### Designed for patient comfort and ease of use

- LED sources provide virtually heat-free light for patient comfort
- High quality light for accurate color rendition
- Modularity for ease of installation and assembly

### Technical Specifications:

- Voltage:AC95V~245V
- MAX Power:12W
- LED Bulb Life:50000hrs(CREE Original)
- Color Temperature:4500~5500K
- Facula Diameter:15~270mm
- LED Intensity Illuminance:45000~65000LUX
- Lumen:1440LM
- Spot Size & Brightness Adjustable
- Max Height:1.8~1.9M
- Wheels : 5 Wheels With Brakes
- Material:Aluminum
- Package Details:57\*47\*18cm



## Examination Lamp

# JD1100 Mobile Type

The sleek, powerful, efficient, precise light

The next generation of examination lighting has arrived. Outpatient LED Exam Light is the perfect low-maintenance, top-performing light for most examination applications in the hospital, physician's office, surgery center and veterinary field.

### Designed for patient comfort and ease of use

- LED sources provide virtually heat-free light for patient comfort
- High quality light for accurate color rendition
- Modularity for ease of installation and assembly

### Technical Specifications:

- Voltage:AC95V~245V
- MAX Power:3W
- LED Bulb Life:50000hrs(CREE Original)
- Color Temperture:4500~5500K
- Facula Diameter:75~205mm
- LED Intensity Illuminance:>30000LUX
- Lumen:360LM
- Max Height:1.8~1.9M
- Wheels : 5 Wheels With Brakes
- Material:Aluminum
- Package Details:57\*47\*18cm



## Examination Lamp

# JD1500 Mobile Type

The sleek, powerful, efficient, precise light

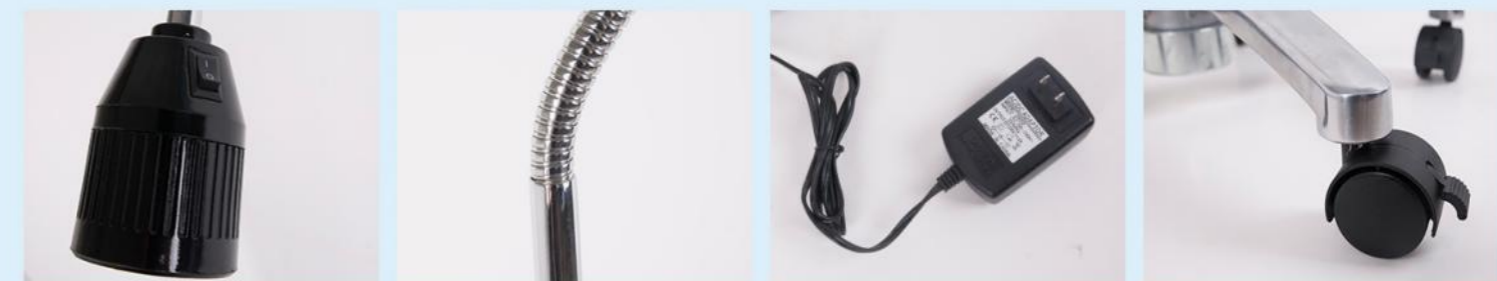
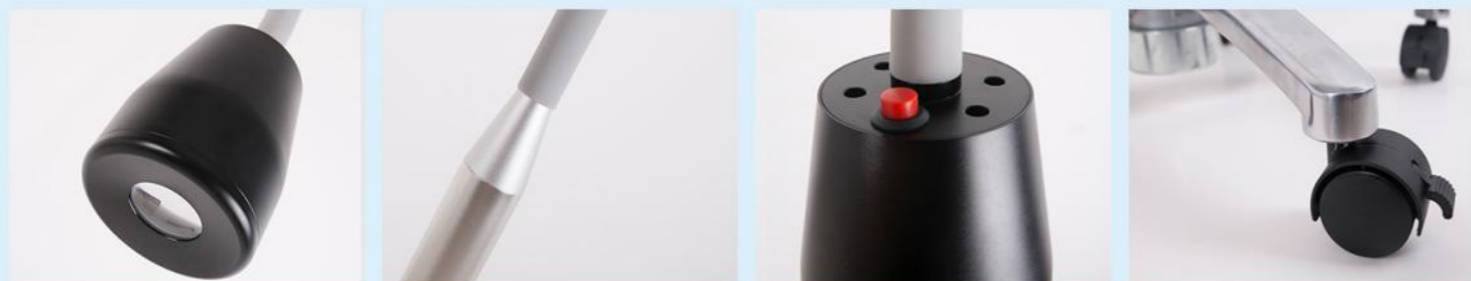
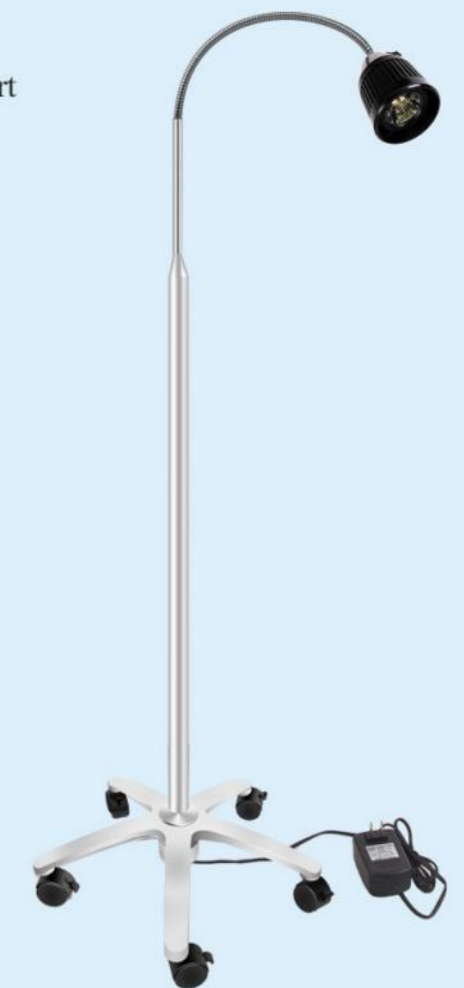
The next generation of examination lighting has arrived. Outpatient Exam Light is the perfect low-maintenance, top-performing light for most examination applications in the hospital, physician's office, surgery center and veterinary field.

### Designed for patient comfort and ease of use

- Light sources provide virtually heat-free light for patient comfort
- High quality light for accurate color rendition
- Modularity for ease of installation and assembly

### Technical Specifications:

- Voltage:AC95V~245V
- MAX Power:35w
- Halogen Bulb:12V/35W(2Bulbs In Package)
- Color Temperture:3300~3600k
- Facula Diameter:60~302mm
- LED Intensity Illuminance:>35000LUX
- Max Height:1.8~1.9M
- Wheels : 5 Wheels With Brakes
- Material:Aluminum
- Package Details:57\*47\*18cm



# Examination Lamp

## JD1100G Wall Mounted Type

The sleek, powerful, efficient, precise light

The next generation of examination lighting has arrived. Outpatient LED Exam Light is the perfect low-maintenance, top-performing light for most examination applications in the hospital, physician's office, surgery center and veterinary field.

### Designed for patient comfort and ease of use

- LED Light sources provide virtually heat-free light for patient comfort
- High quality light for accurate color rendition
- Modularity for ease of installation and assembly

### Technical Specifications:

- Voltage:AC95V~245V
- MAX Power:7w
- LED Bulb Life:50000hrs(CREE Original)
- Color Temperture:4500~5500k
- Facula Diameter:15~270MM
- LED Intensity Illuminance:>45000LUX
- Lumen:840LM
- Pipe Length:70CM,80CM,90CM
- Wall Mounted
- Material:Aluminum
- Package Details:57\*39\*14cm



# Examination Lamp

## JD1200J Clip On Type

The sleek, powerful, efficient, precise light

The next generation of examination lighting has arrived. Outpatient LED Exam Light is the perfect low-maintenance, top-performing light for most examination applications in the hospital, physician's office, surgery center and veterinary field.

### Designed for patient comfort and ease of use

- LED Light sources provide virtually heat-free light for patient comfort
- High quality light for accurate color rendition
- Modularity for ease of installation and assembly

### Technical Specifications:

- Voltage:AC95V~245V
- MAX Power:12W
- LED Bulb Life:50000hrs(CREE Original)
- Color Temperture:4500~5500k
- Facula Diameter:10~270MM
- LED Intensity Illuminance:45000~65000LUX
- Lumen:1440LM
- Pipe Length:70CM,80CM,90CM
- Clip On Type For Hopistal Bed,Dental Chair,ICU Room
- Material:Aluminum
- Package Details:57\*39\*14cm



## Examination Lamp

# JD1600L Mobile Type

The sleek, powerful, efficient, precise light

The next generation of examination lighting has arrived. Outpatient LED Exam Light is the perfect low-maintenance, top-performing light for most examination applications in the hospital, physician's office, surgery center and veterinary field.

### Designed for patient comfort and ease of use

- LED sources provide virtually heat-free light for patient comfort
- High quality light for accurate color rendition
- Modularity for ease of installation and assembly

### Technical Specifications:

- Voltage:AC95V~245V
- MAX Power:15W
- LED Bulb Life:50000hrs(CREE Original)
- Color Temperture:4500~5500K
- Facula Diameter:15~270mm
- LED Intensity Illuminance: 65000~85000LUX
- Lumen:1440LM
- Switch Type:Foot Switch
- Spot Size Adjustable
- Max Height:1.8~1.9M
- Wheels : 5 Wheels With Brakes
- Material:Aluminum
- Package Details:57\*47\*18cm



## Examination Lamp

# JD1600J Clip On Type

The sleek, powerful, efficient, precise light

The next generation of examination lighting has arrived. Outpatient LED Exam Light is the perfect low-maintenance, top-performing light for most examination applications in the hospital, physician's office, surgery center and veterinary field.

### Designed for patient comfort and ease of use

- LED Light sources provide virtually heat-free light for patient comfort
- High quality light for accurate color rendition
- Modularity for ease of installation and assembly

### Technical Specifications:

- Voltage:AC95V~245V
- MAX Power:15W
- LED Bulb Life:50000hrs(CREE Original)
- Color Temperture:4500~5500k
- Facula Diameter:15~170MM
- LED Intensity Illuminance: 65000~85000LUX
- Lumen:1440LM
- Pipe Length:70CM,80CM,90CM
- Clip On Type For Hopistal Bed,Dental Chair,ICU Room
- Material:Aluminum
- Package Details:57\*39\*14cm

