



MICARE LED OPERATING LIGHT



MICARE MEDICAL

THE BRILLIANT SIDE OF MEDICAL LIGHTING

P.N:M202409JD18/1

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

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

Thanks to a concave lighting head design, diamond optics and premium LEDs, homogeneous light field and high illuminance with 120,000 lux in dimming 9 levels low shadowing, excellent color rendering (Ra > 96, R9 > 93)

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.

Healthcare Design.

www.surgicallight.com

www.micare-med.com

JD1800 SERIES MINOR SURGERY LIGHTING

www.micare-med.com

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

www.micare-med.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



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 80,000 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



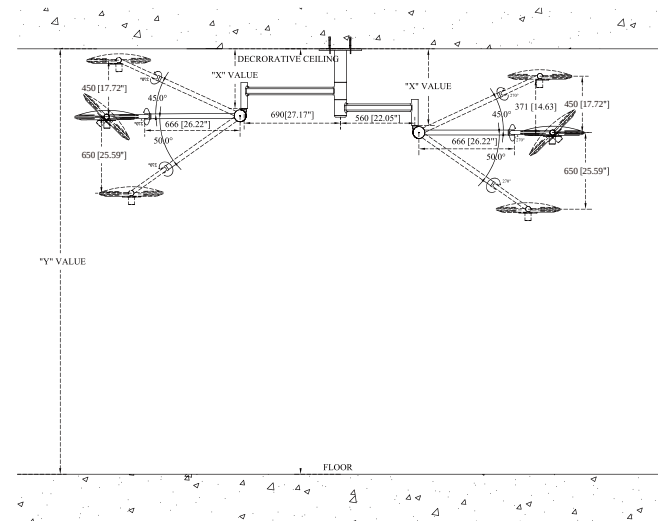
GLARE-FREE

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 > 96
- 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.

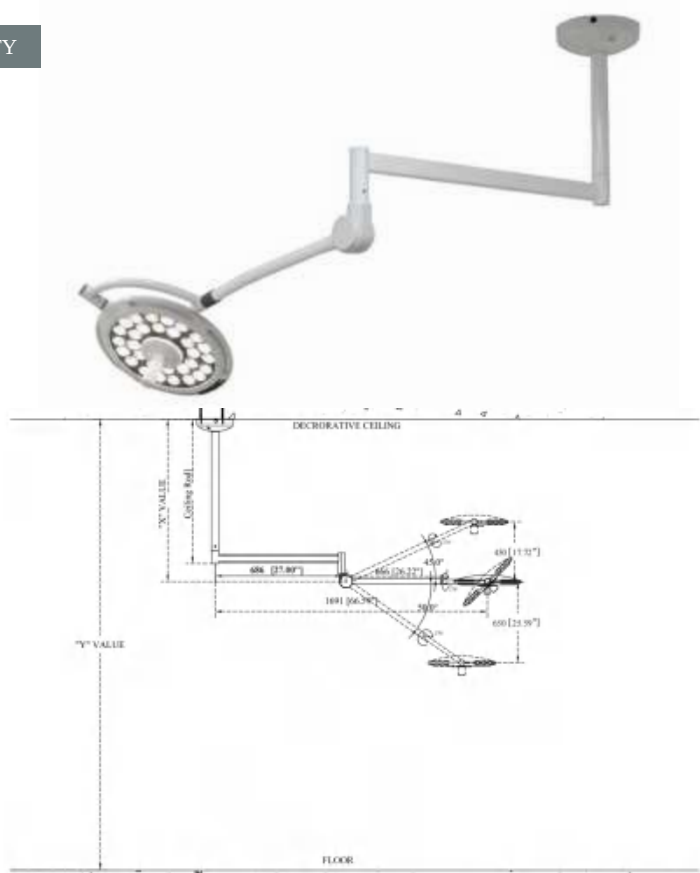


TECHNICAL DATA SHEET		JD1800J DOUBLE CEILING MOUNTY
Voltage Supply	95-245V~50/60Hz	
Power	30W	
Light Intensity at EC (1M)	120,000Lux Maximum	
Intensity Control	9 Steps	
LED Quantity	30PCS (12PCS White + 18PCS Yellow)	
Light Facula Diameter	Ø 160 - 250MM	
Color temperature	3,800 - 5,500K (9Steps Control)	
Digital Switch	LCD Touch Screen	
Lamp head diameter	410MM / 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%	1200MM	
Certification Approved	CE MDR2017/745, ISO9001, ISO13485, FDA,EN 60601-1, EN 60601-2-41	
Standard With "Autoclave Sterilization Handle" 2pcs		



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%	1200MM	
Certification Approved	CE MDR2017/745, ISO9001, ISO13485, FDA,EN 60601-1, EN 60601-2-41	
Standard With "Autoclave Sterilization Handle" 2pcs		

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%	1200MM	
Certification Approved	CE MDR2017/745, ISO9001, ISO13485, FDA,EN 60601-1, EN 60601-2-41	
Standard With "Autoclave Sterilization Handle" 2pcs		



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%	1200MM	
Certification Approved	CE MDR2017/745, ISO9001, ISO13485, FDA,EN 60601-1, EN 60601-2-41	
Standard With "Autoclave Sterilization Handle" 2pcs		





PROFESSIONAL HEALTHCARE LIGHTING

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www.ledoperatinglamp.com

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