

MICARE JD1700 PRO

A versatile,
multipurpose design

JD1700 Pro has an innovative design that integrates seamlessly into any department. An ergonomic handle makes it easy to direct the lightweight, triangular-shaped light head towards a wound or surgical site for diagnosis or treatment. The unique shape supports flexible positioning, and maintains a perfectly round light field with maximal light output and excellent shadow dilution. The design uses light weight, versatile, durable, and recyclable components as well as low-energyLed bulbs to support your facility's sustainability programs.



As a health care provider, doctors and hospitals encounter various tasks: Examinations and treatments, working on the computer. Concentration and an alert mind are almost constantly challenged. Security and reliability of medical equipment are therefore especially important this includes lighting. At the same time, the subject of economic efficiency gains in importance. Intelligent and high quality lighting solutions help to reduce ongoing operational costs significantly.

**LIGHT FOR CLINICS, MEDICAL PRACTICES AND LABORATORIES
LIGHTING SOLUTIONS FOR THE HIGHEST DEMANDS**



MICARE JD1700 PRO

Upgrade Your Examination Lighting



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www.micare-med.com; www.ledoperatinglamp.com
www.surgicallights.com

Improving visibility in all hospital departments

- **Uniform and concentrated light patch:**
130,000Lux Maximum at 1M Distance
4,000 - 5,300K color temperature adjustable
- **Reduce risk of cross-contamination:**
a sleek and curved surface to facilitate cleaning.
- **Angled shape for easy positioning:**
the narrow design can be easily positioned in a crowded surgical theater.
- **No heat dissipation:**
improved patient comfort and safety.
- **Perfect light head stability:**
Flexible spring arm / With Solution For Single ceiling / wall mounted / Double ceiling / Portable
- **Better Tissue Differentiation (Superficial And Deep Structure):**
Color rendering index fixed at 93 remix with White + yellow LEDs



EXAMINATION / TREATMENT ROOM VERSATILE LIGHTS FOR MULTIPLE TASKS.

For patients, entering the treatment room is often associated with emotional tension, which can be relaxed by good room lighting. On the other hand, the physician and the medical staff need optimal lighting for examinations and treatments, but also for working on the computer. Mobility, long service life, energy efficiency and accurate color reproduction are natural for examination lights. Thanks to the closed geometry of luminaires, Micare lights meet hygienic requirements and cleaning via spray disinfection.



Homogeneous Illumination

The result is a shadow-free and homogenous light field over a large depth of illumination even when operating directly under the luminaire



Long Bulb Life Minimizes Maintenance

Spend more time with patients and less time with maintenance; Led life is more than 80,000 hours.



Freedom Of Movement

The maneuverable handle is directed towards the wound for accurate positioning.



A Small Environmental Footprint

The JD1700 Pro series contains only environmentally friendly products and 80% recyclable material. Optimized, compact and recyclable packaging reduces waste.



MICARE JD1700 PRO

WHY CHOOSE IT

Homogeneous Illumination

While most compact medical luminaires cannot be operated at reduced brightness, the MICARE JD1700 Pro offers a wide range of brightness options down to only 10 klx. Ideal as minor lighting during endoscopic procedures (ENDO-Mode).

Accurate Color rendering For Better Tissue Differentiation

While most compact medical luminaires cannot be operated at reduced brightness, the MICARE JD1700 Pro offers a wide range of brightness options down to only 10 klx. Ideal as minor lighting during endoscopic procedures (ENDO-Mode).

Enjoy All The Features Of A Surgical Luminaire In A Compact Body

LED technology: No heating under the luminaire lamps with Micare LED light technology! The JD1700 Pro series addresses the increased demands of healthcare facilities for professional medical lighting. Therefore, they provide a superior range of use and robustness compared to examination lights with similar specifications. MICARE offers customized solutions for specific illuminance and colour temperature requirements.

Light and good vision is natural for all of us. Therefore it is natural for us that we enter the latest trends and findings into the development of innovative lighting concepts. Reliable lighting solutions are particularly important in health care.

Quality: Rely on high-quality materials and precise workmanship.

Design: Experience light in a timeless, modern form.

Innovation: Benefit from intelligent lighting and forward-looking technologies.

MICARE JD1700 PRO

Technical data

JD1700J PRO DOUBLE CEILING



Technical Specifications	Details
Working Voltage	95V-245V, 50/60HZ
Light Intensity At EC (1Meter)	13,000 - 130,000Lux / 13,000 - 130,000Lux
Light Intensity Control	10 - 100% (10steps)
Light Field Diameter At EC (1Meter)	130 - 190MM (Adjustable)
Light head diameter	335MM = 13.19"
Number of LED's	16PCS (Osram Brand), 7pcs White LEDS + 9pcs Yellow LEDS
LED Bulb Size Diameter (pc)	35MM
Life span of LED's	80,000HRS
Colour rendering index Ra	93
Colour temperature (Kelvin):	4.000 - 5,300K (5steps Adjustabe)
Endo / Practice Mode Light	6pcs Yellow + 1pc White LEDS
Illumination depth 20 %	1200MM
Illumination depth 60 %	650MM
Max. radiation in field in a distance of 1 meter	264 W/m ²
Temperature increase in head area	≤1°C
Arm Angle adjustment (Up And Down)	Up for 45°, Down For 50°, 1100MM

JD1700L PRO PORTABLE MOBILE



Technical Specifications	Details
Working Voltage	95V-245V, 50/60HZ
Light Intensity At EC (1Meter)	13,000 - 130,000Lux
Light Intensity Control	10 - 100% (10steps)
Light Field Diameter At EC (1Meter)	130 - 190MM (Adjustable)
Light head diameter	335MM = 13.19"
Number of LED's	16PCS (Osram Brand), 7pcs White LEDS + 9pcs Yellow LEDS
LED Bulb Size Diameter (pc)	35MM
Life span of LED's	80,000HRS
Colour rendering index Ra	93
Colour temperature (Kelvin):	4.000 - 5,300K (5steps Adjustabe)
Endo / Practice Mode Light	6pcs Yellow + 1pc White LEDS
Illumination depth 20 %	1200MM
Illumination depth 60 %	650MM
Max. radiation in field in a distance of 1 meter	264 W/m ²
Temperature increase in head area	≤1°C
Arm Angle adjustment (Up And Down)	Up for 45°, Down For 50°, 1100MM
Lamp Base Diameter	550*510*140MM
Battery Back Up Optional	4HRS Working time

JD1700 PRO WALL MOUNTED



Technical Specifications	Details
Working Voltage	95V-245V, 50/60HZ
Light Intensity At EC (1Meter)	13,000 - 130,000Lux
Light Intensity Control	10 - 100% (10steps)
Light Field Diameter At EC (1Meter)	130 - 190MM (Adjustable)
Light head diameter	335MM = 13.19"
Number of LED's	16PCS (Osram Brand), 7pcs White LEDS + 9pcs Yellow LEDS
LED Bulb Size Diameter (pc)	35MM
Life span of LED's	80,000HRS
Colour rendering index Ra	93
Colour temperature (Kelvin):	4.000 - 5,300K (5steps Adjustabe)
Endo / Practice Mode Light	6pcs Yellow + 1pc White LEDS
Illumination depth 20 %	1200MM
Illumination depth 60 %	650MM
Max. radiation in field in a distance of 1 meter	264 W/m ²
Temperature increase in head area	≤1°C
Arm Angle adjustment (Up And Down)	Up for 45°, Down For 50°, 1100MM

JD1700G PRO SINGLE CEILING



Technical Specifications	Details
Working Voltage	95V-245V, 50/60HZ
Light Intensity At EC (1Meter)	13,000 - 130,000Lux
Light Intensity Control	10 - 100% (10steps)
Light Field Diameter At EC (1Meter)	130 - 190MM (Adjustable)
Light head diameter	335MM = 13.19"
Number of LED's	16PCS (Osram Brand), 7pcs White LEDS + 9pcs Yellow LEDS
LED Bulb Size Diameter (pc)	35MM
Life span of LED's	80,000HRS
Colour rendering index Ra	93
Colour temperature (Kelvin):	4.000 - 5,300K (5steps Adjustabe)
Endo / Practice Mode Light	6pcs Yellow + 1pc White LEDS
Illumination depth 20 %	1200MM
Illumination depth 60 %	650MM
Max. radiation in field in a distance of 1 meter	264 W/m ²
Temperature increase in head area	≤1°C
Arm Angle adjustment (Up And Down)	Up for 45°, Down For 50°, 1100MM



JD1700 PRO SERIES

Accurate lighting solutions for examination and observation

MINOR SURGERY / EMERGENCY ROOM CONCENTRATED AND SAFE WORK.

Lighting comfort plays an important role especially in the field of surgery. Accurate color reproduction, exceptionally high light output without heat development and exact positioning of the luminaire support personnel during medical procedures. Virtually maintenance-free examination lights ensure that the team can mentally and physically concentrate on the demanding intervention.

GYNECOLOGY / OBSTETRICS DISCRETION AND EMPATHY.

In gynecology, examinations and treatments are particularly intimate. The patient is the focus and should quickly feel comfortable. A soothing interior design and lighting support a relaxed relationship with the doctor. During the examination, the lighting is of great importance: A higher light color and excellent color reproduction, especially in the red range, are urgently required. Compact and moving examination lights are there by required. At the same time, heat development should not occur.

INTENSIVE CARE INTENSIVE AND SENSITIVE LIGHTING.

The care and monitoring of critically ill patients poses special challenges. Top modern medical technology, continuous monitoring and fast response times require an alert mind. First class visibility conditions are essential for the doctor and staff. A friendly general and night lighting complements perfectly. Since light is also perceived subconsciously, the use of biodynamic light as such as the light management system