



# MV-100™

Surgical lights

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Delivering light to  
surgeries and clinics

Exclusively Distributed by



OPERATING ROOM

DAY SURGERY

EXAMINATION

## Minor led surgical light

The innovative minor LED surgical light MV-100™ is the ideal light for examinations and minor surgical procedures at clinics, hospitals and physicians practices.

### User benefits at a glance

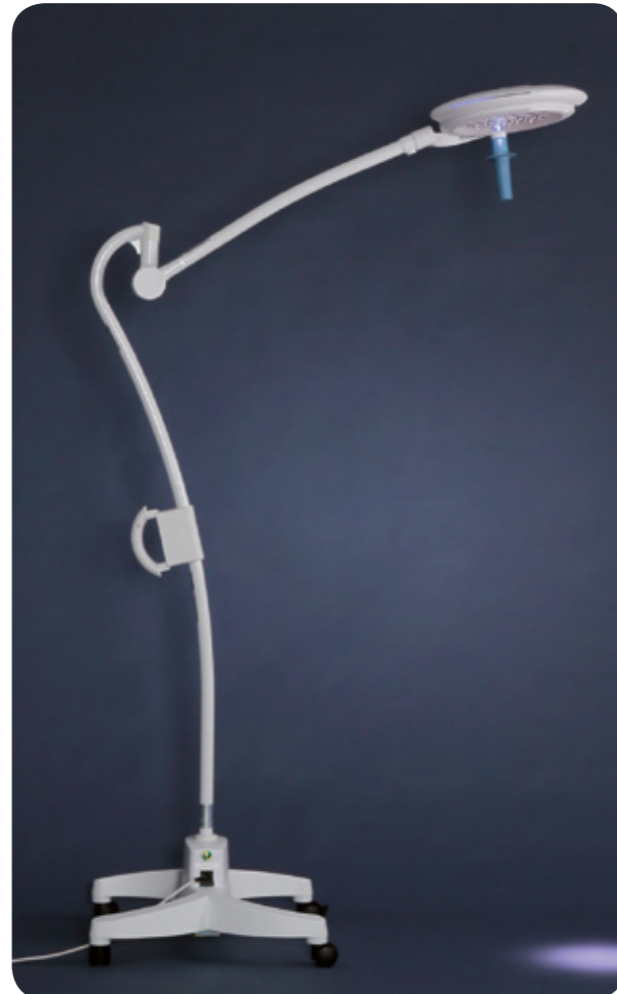
- Low-glare illumination with neutral white light
- Optimal depth of illumination - no refocusing necessary
- Large illuminated area for most demanding procedures
- High colour rendition for natural and accurate reproduction of examination areas
- Enhanced visualisation of red tissues
- Long durability of LED's – more than 20 years at standard use
- Removable sterilisable grip
- Sterile disposable handle available
- Brightness control on the control panel of the light head as well as via grip
- LED brightness indicator bar on light head and grip
- Available in three configurations – Mobile, Wall Mounting and Ceiling Mounting

### Technical specifications

Central illuminance EC at 1 m	100 000 lx
Number of LEDs	30
Colour temperature	4500 K
Colour rendering index (CRI)	95
Red colour rendering index (R9)	< 94
Diameter of operating field d10	190 mm
Diameter of operating field d50	107 mm
Depth of illumination (L1+L2) @ 60%	960 mm
Total irradiance Ee	390 W/m <sup>2</sup>
Power consumption	33 W
Service life LED	> 50 000 h
Power supply	100 – 230 V AC, 50/60 Hz
Protection type (IP code)	IP 42
Weight of light head	2,9 kg
Conformity with standards	IEC 60601-1, IEC 60601-1-2, IEC 60601-2-41



Ceiling model



Mobile model



Wall model



Light head



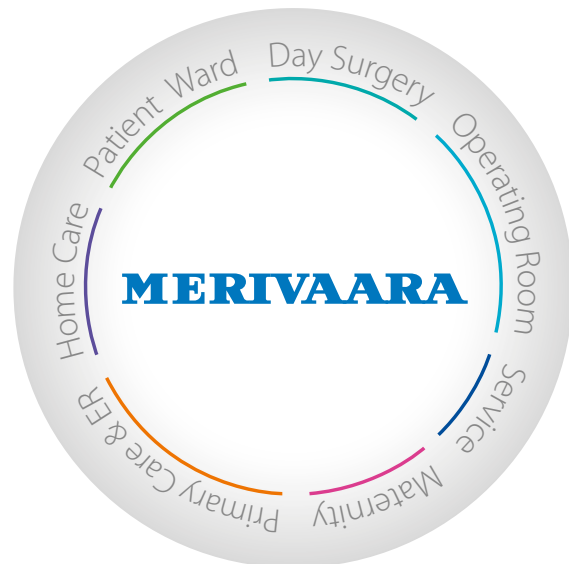
Brightness control via grip and control panel with indicator bars

## Solutions for efficient physical patient flow and well-being

Merivaara provides a wide range of hospital-grade furniture such as operating tables, medical lights, examination tables, trolleys and stretchers for transportation and day surgery, as well as birthing and patient beds. Additionally, our new concepts include both revolutionary integrated management systems and after-sales services.

Our versatile solutions and product offering enable convenient and cost-effective physical patient flow within the hospital, in day surgery and health clinics, as well as in nursing homes and home care. Our priority is to enhance comfort and well-being of both patients and their caregivers.

Established in 1901, Merivaara has more than 100 years of experience in designing and manufacturing hospital-grade furniture. Today our products are highly appreciated by users in more than 120 countries thanks to their ease-of-use, durability and ergonomic design.



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