

# MERILUX™ X1LED

**New!**

## New LED examination light

The Merilux X1 LED examination light is ideal for use during examinations and small procedures

- High quality of light with low power consumption
- Infrared-free illumination, low heat generation
- Economic solution with long lasting life cycle
- Maintenance free, no bulb replacements
- Environmentally friendly



The new Merilux X1 LED light is available as mobile floor model, ceiling and wall-mounted versions. With its excellent colour rendering index (RA 94), compact design, sterilisable handle and articulated arm, the Merilux X1 LED fulfils the high quality and hygiene requirements of small procedures and examinations. Merilux X1 LED light is at its best in emergency rooms, examination rooms, recovery rooms and ICUs.



**X1LED FM swing**  
with 2 antistatic castors



**X1LED CM**  
Minimum ceiling height 2,000 mm  
Ceiling mounted



**X1LED WM**  
Wall mounted

## Update your existing Merilux X1 Halogen to LED

If you are already using Merilux X1 Halogen, you can easily upgrade it with the new LED lamphead. The new Merilux X1 LED is compatible with the same lamp arms. Ask for more information from Merivaara Service, [service@merivaara.fi](mailto:service@merivaara.fi).

### Technical specifications:

Max. illumination intensity at 1.0m E <sub>c</sub> (lux)	38 000
Colour temperature (°K)	4 300
Colour rendering index RA	94
Light source	7x LEDs
Power consumption (W)	14
Operating voltage (V)	18- 30VDC /20-26VAC
Average lifetime (h)	> 20 000
Working distance (mm)	500–1500
Depth of illumination (mm)	1 000
Light field d50 (mm)	70
Light field d10 (mm)	160
Integrated power switch	Yes
Sterilizable handle	Yes
Standard transformer (120 VAC/60 Hz transformers optional)	230 VAC/50 Hz, 20-24 VAC/75 VA
Operating time with 42Ah Backup battery* (h)	9
Size of light head (mm)	Ø 290 × 110
Weight of light head (kg)	2.0

\*The battery back-up system ensures trouble-free operations, without having to worry about disturbances caused by power outages. In the case of a power outage, the Merilux battery back-up system will be automatically switched on in less than 0.5 seconds.

- Compatible with the same pendant currently used for Merilux X1 halogen.
- Suitable both for AC and DC power
- Classified according to European Council Directive 93/42/EEC Class I (Annex IX).
- Production is monitored and certified in accordance with the ISO 9001 and ISO 13485 Quality Management Systems and the ISO 14001 Environmental Management System.
- EN 60601-1. Medical electrical equipment. Part 1: General requirements for safety
- EN 60601-1-2. Collateral Standard: Electromagnetic compatibility Requirements and test
- SFS 6000-7-710 standard for electrical installations for medical purposes.
- Warranty 3 years

