

MSR lamps and lighting systems

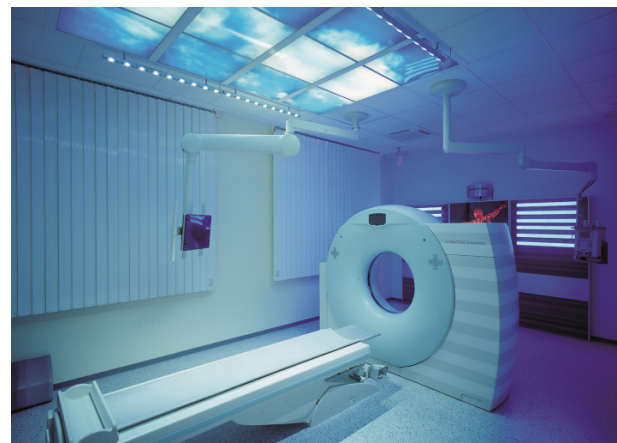
Wherever a small load of the ambient air with particles and a high demand on cleanliness and hygiene is required, MSR lamps and lighting systems are used. In energy efficiency and durability they also meet the highest standards.

The MSR lamps and lighting systems are, at any time, coupled with the other devices in the room e.g. x-ray equipment, MSR's aluminium vertical blinds for radiation protection, music and scenting systems etc.

The Medical Lighting Systems are developed as a modular system, so that every room can be designed individually and precisely according to your specifications.

The modules consist of these room components and can be combined as wished:

- MSR lamps HELIOS and APOLLON
- Light motif ceilings with MSR substructure
- Scenting system with relaxing scents
- Sound systems with soothing sounds
- Wall elements with colorful light and photo motifs
- Media modules such as patient lighting and work lighting
- RGB lighting integrated in the ceiling
- Wall Washer – wall lighting



Especially in situations where a feeling of confidence, optimism and trust is important for the patient, MSR lamps and lighting systems are in demand.

The rooms do appear warmer, larger and higher instead of cold and white. Many satisfied feedback of the positive effect on patients, as well as on the medical staff, confirms the use of MSR lighting systems.

Control elements

GlasTouch options or touch monitor. Handling with smart phone or tablet by means of apps is also available, such as switches, joystick and foot control.



Work- and flush-mounted ceiling lamps

for x-ray and operating rooms, production halls of the pharmaceutical industry and microelectronic manufacturing

Create a room that offers the best possible working environment

MSR work space lamp HELIOS

- Depending on the requirements up to 50,000 lux
- Wireless
- Freely rotatable in all directions (protection IP65)
- Brightness is infinitely dimmable (0-100% incl. memory function)
- Flush ceiling installation
- Front cover: opal clear, anti-reflective for laser applications (prevention of deflection of the laser beam during laser operation)
- Module 600 or 625
- Solely a 220V / 50 Hz power socket inside the false ceiling required
- Potential-free contact / interface for coupling with other devices
- Use of colored LEDs (improvement for identifying and visualizing of the veins and other soft parts – RGB technology)
- Protection by means of safety or FI switch
- Handling by remote or foot control or tablet / smart phone



Advantages HELIOS:

- Integrated in suspended ceiling
- No movement restrictions of the medical team
- No shadowing
- No thermal load as with conventional surgical and examination lights
- Homogenous illumination of the site
- Use of intelligent LED technology for improved contrast and significantly less symptoms of fatigue
- Operating time up to 50.000 hours
- Maximum of adaptability with fast switching mechanisms
- Lamp replacement or maintenance without a bottom-up lifting of the light (fold-down front cover)
- Easy to clean and good desinfectable (hygiene class 1A)

MSR LED flush-mounted ceiling lamp APOLLON

- Uniform radiant light surface
- LED driver dimmable DALI (PSD)
- Opal white
- 46 W
- Extremely flat with only 14 mm in height
- Available in all regular ceiling tiles
- IP 20
- Weight approx. 4.1 kg
- Operating time up to 50.000 hours
- Module 600 or 625
- Luminous flux 3.300 lm with 70% preservation
- Light output 72 lm/W
- Easy to clean and good desinfectable

