

# Medical Device **ASIA**

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*Willkommen!*

**WORLD OF  
Medical Devices  
& Technology  
awaits you at**



20 - 23 Nov 2013  
Düsseldorf - Germany

**DIAGNOSTICS  
EQUIPMENT**

Healthcare  
**DEVICES**

**Surgical  
LIGHTS**

***Not to be missed!***

**MEDICA EDUCATION & MEDICINE + SPORTS CONFERENCE**

## STARLED5 - Surgical LED lamp for OPERATING ROOM



**STARLED5** is the surgical LED lamp manufactured by Acem Medical Company suitable for meeting the needs of the operating rooms.



Its new generation LEDs assures low consumptions and a great light intensity of 160.000 lux.

Starled5 grants optimal performances producing a light beam without infrared rays, with a CRI value of 95 and a colour temperature of 4900°K reproducing the exact colour chromatic scale of the human body. The ergonomic design of Starled5 takes into consideration the needs of the operating rooms.

It is comfortable and light to move thanks to its lateral handles assuring stability and constant illumination even during its movement. **Starled5** is made of a smooth and resistant material that makes cleaning quick, easy and complete. The lamp shape assures visual comfort and is particularly suitable for laminar flows. Its structure has been studied to avoid obstructing air flows inside the operating room reducing considerably the turbulence areas. Its functions are managed through the innovative digital **I-SENSE** control system.

With a simple touching it is possible to adjust the light intensity, activate the ENDO (Light for Endoscopy) and DOF (Depth of Field) functions as well as the SYNC mode (optional) that allows the use of a control panel only synchronized with the other lamps combined, granting simplicity of use, saving time and giving the possibility of being managed by a single operator.

In order to achieve a correct illumination according to the different needs Starled5 can produce a **FOCUSED** and **AMBIENT** light. The **FOCUSING** system of the light field is possible thanks to the simple rotation of the central handle of the lamp. The removable and sterilizable handle can host (on demand) a fixed focus or zoom video camera.

**AMBIENT** light is assured by the **LIGHT – UP** system that, thanks to its particular light beams coming from the upper part of the lamp, produces a diffuse lighting particularly suitable for minimally invasive surgery and preparation/monitoring of the patient during the operation.

More information:

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## MEDINE by LUG: Perfect Over-Head Lighting System for Medical Interiors



1 3 B 1 0

Health is one of the most important areas of attention in modern societies. We become more wealthy, we live longer and expect careful and high quality healthcare. Hospitals, clinics and other medical points are now adapting to the new attitude in the healthcare policy – patientcentric model forces the owners of the medical care institutions to modernize the equipment and use only the latest technologies to ensure high standard of healthcare services.



LUG understands this trend perfectly. We also think about the comfort of the patients as well as the medical staff working with the light of our luminaires every day.

Meeting high expectations of the medical sector, we have developed our modern luminaire called MEDINE – professional overhead lighting system for hospitals and clinics.

High ergonomics of MEDINE come from synergy of lighting and medical applications. MEDINE provides general lighting and bed lighting, along with LMS e.g. DAU, allowing for dimming. In standard, the luminaire is equipped with electrical installations and medical gas access points for vacuum, oxygen and air. You can customize it to the needs of your patient room interior!

For more information, please contact, Beata Tustanowska  
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## Anesthetic Vaporizer from Beijing Wellight, China



Anesthetic Vaporizer WA800, the advantage of the units is:

- Stable output concentration with automatic temperature compensation function in case of any changes in the exterior conditions like flow, pressure and temperature, producing vaporizers of prescribed concentration
- Highly precision vaporizers

- Highly airtight
  - Relatively stable and quick in response in working
  - Multiple types of interfaces available to support multiple types of anesthetic machine
- International color-coding

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