

Press release
Dornbirn, November 2011

Zumtobel at Medica 2011 in Duesseldorf **Professional lighting solutions for health and care**



B1 | Good lighting that can be individually controlled creates a familiar atmosphere where patients and visitors feel at ease; it reduces their fears, supporting the process of recovery.

At Medica, the world's largest medical trade fair held in Duesseldorf from 16 to 19 November 2011, Zumtobel will display trend-setting lighting solutions providing contemporary and efficient lighting in the areas of health and care. Zumtobel will use this international platform to present to the public integral lighting solutions for professional interior lighting in hall 14, stand D37. Energy-efficient LED solutions and new products for patient rooms and clean rooms will be among the product highlights presented at the trade-fair stand: the new IMWS medical wall system as well as a number of LED products added to existing luminaire ranges for patient rooms and public spaces will be shown for the first time.

Artificial lighting is not just a technology to create brightness – lighting has also both psycho-

logical and physical effects on human beings. An intelligently used lighting system makes a considerable contribution to patients' well-being and recovery. Zumtobel's work is based on the assumption that light used during the treatment and care of patients must be inspired by nature and adjusted to people's needs, bringing a completely new quality and meaning to light.

Usually, the mobility of patients in hospitals and care homes is restricted, and they are not exposed to sufficient daylight, which makes them especially sensitive to unfamiliar settings. Good lighting that can be individually controlled creates a familiar atmosphere where patients feel at ease; it reduces their fears and supports the process of recovery. Partly used coloured light can also have a positive influence on emotions,



B2a, B2b | Zumtobel's lighting solutions provide the perfect lighting quality required for individual visual tasks at the touch of a button, whether for talks to patients or for surgery, thus facilitating the work of doctors and medical staff.

reduce stress, enhance communication and creativity and have a stimulating effect. Zumtobel conducts on-going international research studies to explore these issues. The results of these studies will then be incorporated into newly developed products.

In addition to the biological effects of light, Zumtobel also takes ecological and economic aspects into account. Energy-efficient LED products and state-of-the-art presence-based and daylight-based control systems help save energy, reducing maintenance and operating costs. Thus, presence detectors for example can be used to dim or switch off the lights in rooms that are temporarily unoccupied. The energy balance can also be improved by daylight-based control systems, where the quantity of light to be added depends on the daylight available. An additional advantage of lighting management systems such as LuxmateLitenet is that they allow the lighting system of an entire building to be controlled from one central station. ZBox, the smaller version, which can be operated easily and intuitively, allows to call up a variety of lighting scenarios for patient rooms, for instance, to provide stimulating functional lighting or relaxing feel-good lighting at the touch of a

button. In these areas, too, Zumtobel makes use of its sound lighting expertise to develop energy-optimised building solutions for the future.

Last but not least, the functionality and reliability of the lighting system installed are of particular importance for doctors and medical staff. It is necessary that the perfect lighting quality for individual visual tasks can be called up at the touch of a button, whether it is a harmonious lighting scene for talking to a patient or glare-free lighting with high levels of illuminance for the operating theatre.

The reliability and economic efficiency of the lighting system will be considerably improved, among others, due to extended maintenance intervals and the long service life of innovative LED luminaires. In order to emphasise its high quality standards and technical benefits, Zumtobel provides a 5-year guarantee for the complete Zumtobel product range. Moreover, the eco+ label distinguishes luminaires manufactured from environmentally compatible materials that boast a high lighting quality in combination with low energy consumption.

Zumtobel. The Light.

Brief profile

The Zumtobel brand is a leading international supplier of integral lighting solutions that enable people to experience the interplay of light and architecture. As a leader in innovation, the luminaire manufacturer provides a comprehensive range of high-quality luminaires and lighting management systems for the most varied application areas of professional interior lighting – including offices and educational facilities, retail and presentation, hotels and wellness, health and care, art and culture as well as industry and engineering. Zumtobel is a brand of the Zumtobel AG group with its head office in Dornbirn, Vorarlberg (Austria).



B3a, B3b | Pleasant lighting scenes in public spaces enhance communication and create a homely atmosphere.



More information:



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