

Press release
Dornbirn, November 2011

Zumtobel. The Light

Lighting competence for health and care



B1 | The spacious lobby of the newly constructed modern hospital is clearly structured and suffused with bright light.

As a global leader in innovation, Zumtobel develops trend-setting lighting solutions for professional interior lighting. Innovation, technology, design, emotion and energy efficiency are the driving forces that ensure the company's success. Zumtobel's mission and vision go hand in hand: "We want to use light to create worlds of experience, make work easier and improve communications and safety while remaining fully aware of our responsibility to the environment."

Zumtobel boasts application know-how that is unique in the lighting industry, combined with sound advisory skills, which are made available to customers on a world-wide basis. Extensive studies on the effects of light are being conducted in the health & care area, the results of which will then be incorporated into future product development. The aim is to improve the

individual's quality of life and the quality of the rooms themselves, and to create optimum conditions for quick recovery.

In addition to the biological effects of light, Zumtobel also takes environmental and economic aspects into account. Energy-efficient LED products, intelligent lighting management systems and state-of-the-art presence-based and daylight-based control systems help save energy, reducing maintenance and operating costs. Last but not least, the functionality and reliability of the lighting system installed are of particular importance in the health & care area. 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 in operating theatres.

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 high lighting quality in combination with low energy consumption.

Zumtobel's competence and sound application know-how regarding the healthcare sector can be perfectly illustrated by various lighting projects, for instance the new Hamburg-Eppen-

dorf University Clinic building, which is considered one of the most advanced hospitals in Europe. Top-most priority was to achieve cost-efficient workflows on the highest level of quality and create a feel-good atmosphere where patients feel well-cared-for and in good hands. Thanks to the Conboard NP medical supply unit – developed especially for this project in collaboration with the architectural studio and the hospital operators–, each bed is provided with a multimedia unit, the necessary communication technology, electrical connections and technical gas supply. Built into an advanced cabinet system, Conboard NP conceals the technical connections, giving the room a more homely atmosphere.



B2 | Patients' rooms are provided with a homely atmosphere to the greatest possible extent as well, thanks to warm colours, dark wooden floors and an innovative technology of light direction. The Conboard media supply panel is a convenient and attractive solution for all technical connections.



B3 | Clinical Centre Offenbach: A special routing system featuring attractive colours and patterns creates design accents and helps patients and staff members to quickly find their way.

The second project is the newly built clinical centre in Offenbach am Main, which was completed in 2010. The hospital accommodates six centres of competence and a total of 724 beds including the required offices and technical rooms. Zumtobel supplied energy-efficient, yet harmonious lighting solutions incorporating ad-

vanced lighting technology for nearly all areas. Again, Zumtobel's Conboard supply modules were used, which comply with all technical requirements for adequate supply. The bedside luminaires, which can be adjusted with utmost flexibility, provide patients with maximum comfort and privacy.

B4 | Warm colours and plenty of light are the central design elements of the new clinical centre in Offenbach. Even the façade radiates cheerful vitality. In the two-storey lobby, a balanced lighting concept and a coloured routing system facilitate orientation.



B5 | Sandy and earthy colours create an almost homely atmosphere in the patients' rooms.

The third exemplary lighting project to be provided with an advanced lighting solution was the Maldegem Care Home in Belgium. On the 10,000 m² campus, rooms suffused with light were created which were complemented with artificial lighting to optimum extent and set centre stage. High quantities of light are especially important for older people and those in need of care, since they are unable to spend much time outdoors, if any. Current studies prove that light has a sustainable influence on people's circadian rhythm and is able to enhance their mental balance and improve their quality of life.

Time and again, it is the point and purpose of Zumtobel to regard customers as partners and, in its function as lighting expert, do anything they can to turn a joint project into a reference for optimum lighting design and illumination. For this purpose, the latest technologies and most recent scientific findings are implemented into innovative solutions to develop new luminaires and lighting concepts to make customers all over the world realise the quality, sustainability and excellent design of Zumtobel products. In this respect, the technology always depends on demands and requirements, in line with Zumtobel's motto: Light is life. Zumtobel. The Light.



B6 | In the corridors, orientation is facilitated by Slotlight light lines.



B7 | The heart of the care home campus is the restaurant which is flooded with light. It is a communicative meeting point for residents, staff members and visitors.



B8 | Not only large-scale healthcare facilities can be fitted with exciting lighting solutions. In a Hamburg-based dental practice, optimum lighting is provided at the press of a button: Circle control points allow calling up three pre-programmed lighting scenes. No high levels of illuminance are required for patient/doctor talks – the patient can relax.

When performing dental treatment, the dentist can simply increase the brightness level by pressing a button. The high-quality micropyramidal optic provides uniform illumination of the task area, avoiding glare.

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).

More information:



Zumtobel Lighting GmbH
Nadja Frank
PR Manager
Schweizer Straße 30
A - 6850 Dornbirn

Tel. +43 (0)5572 390 - 1303
Fax +43 (0)5572 390 - 91303
nadja.frank@zumtobel.com
www.zumtobel.com