

Press release

Dornbirn, April 2012

Pioneering: Zumtobel introduces EPDs

Environmental Product Declarations bring transparency and create trust

Zumtobel is very conscious of its responsibility to the environment. By introducing product-specific environmental data sheets based on internationally harmonised standards, the company is providing an independent information source that attests to the sustainability of its products.

Zumtobel – jointly with the Zumtobel Group's Thorn and Tridonic brands – is the first company in the lighting industry to introduce environmental product declarations according to ISO 14025 and EN 15804. An Environmental Product Declaration (EPD) is a product-specific environmental data sheet. It shows the environmental impact of a product over its entire life cycle at a glance. By introducing EPDs, Zumtobel is meeting its customers' growing need for transparency. EPDs mark a significant step forward, especially with regard to the environmental certification of buildings, because they make it easy and quick to determine how much a product contributes towards the greenhouse effect, which raw materials were used in it and the proportion of recycled materials it contains. "The new environmental product declarations reflect our responsibility to the environment. They are an important tool for sustainable product design. The environmental impact of a product is analysed early on in the development phase in order to reduce it throughout the product's entire life cycle.", explains Stefan von Terzi, Zumtobel's Marketing Director.

EPDs for new products are already available on Zumtobel's website or on request. Data sheets will gradually be produced for existing luminaire types as well. Zumtobel's EPDs are based on a standardised process in accordance with ISO 14025 and EN 15804. Monitoring and verification take place at the InstitutBauen und Umwelt.V. [Institute Construction and Environment] (IBU) and are performed by an external inspector who is selected and appointed by a committee of independent experts. The IBU is currently the only organisation in Germany that uses internationally agreed standards that set out the method of producing EPDs. "By introducing environmental product declarations, Zumtobel is playing a pioneering role in the lighting industry. There is now an independent source of information for owners, property de-

velopers, architects and designers that they can use to compare lighting solutions and assess them in accordance with recognised criteria.", explains Hans Peters, IBU's CEO.

Reconciling energy efficiency and lighting quality

In Zumtobel's opinion, sustainable product design starts with selecting high-grade, recyclable materials. Production and logistic processes are also optimised with a view to minimising their environmental impact. Customers have the peace of mind of knowing that Zumtobel products are backed up by extensive application knowledge, technological know-how and sophisticated design. These products are characterised by innovative technologies, a long service life, low maintenance costs and easy replacement of components. Cutting-edge LED technology and carefully chosen materials make Panos Infinity, for example, the most efficient commercially available downlight range there is. With luminaire efficiency of 65 to 77 lm/W, Panos Infinity offers a 70 % efficiency boost over conventional downlights and there is no need for relamping thanks to its service life of more than 50,000 hours. However, the biggest potential savings can be achieved through an integral lighting solution which, when combined with an intelligent lighting management system, improves lighting quality and can slash energy costs by as much as 80 %.

Integral lighting solutions make buildings more energy efficient

Thirty per cent of all new commercial buildings had achieved "Green Building" certification in 2008, but this figure is expected to rise to 60 % by 2013¹. Sustainable construction has many advantages: it fosters a sense of well-being, reduces energy costs, has a positive effect on rental incomes, boosts the value of a property and is becoming increasingly important to companies as part of their commitment to corporate social responsibility. This means that higher investment costs are amortised quickly. Zumtobel can make a considerable contribution towards achieving "Green Building" certification by supplying an intelligent lighting solution that is tailor-made to meet the customer's needs and strikes a balance between lighting quality and energy efficiency.

During refurbishment of Deutsche Bank's headquarters in Frankfurt, the various measures taken resulted in energy requirements being cut by 50 %, water consumption being reduced by over 70 % and CO₂ emissions being reduced by almost 90 %. Zumtobel developed a special luminaire that scored high marks not only for its design but also for its energy balance,

¹McGraw-Hill Construction, Global Green Building Trends: Market Growth and Perspectives from Around the World Smart Market Report, 2009

thereby significantly helping the building achieve the distinction of a U.S. Green Building Council LEED Platinum award and a Gold certificate from the German Sustainable Building Council (DGNB).

Zumtobel. The Light.

Brief profile

Zumtobel 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, presentation and retail, hotels and wellness, health and care, art and culture as well as industry and engineering. Zumtobel is a brand of the Zumtobel group with its head office in Dornbirn, Vorarlberg (Austria).

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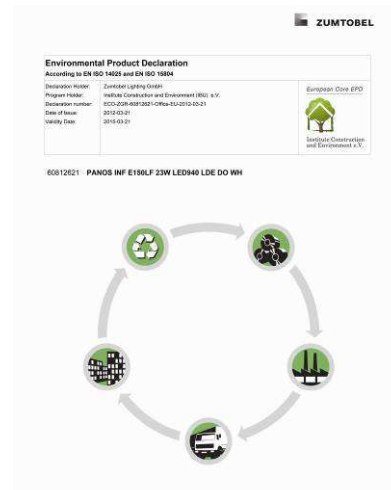
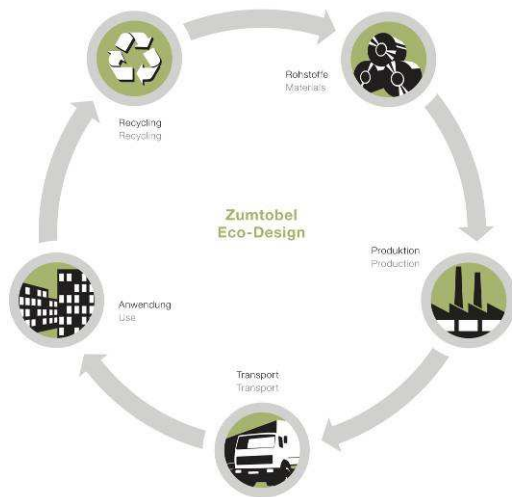


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Captions:

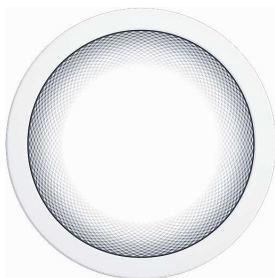
Credits: Zumtobel



Caption 1: By being the first to present its environmental product declarations, Zumtobel is consolidating its pioneering role.



Caption 2 "Green Buildings" are an important trend: Deutsche Bank's headquarters in Frankfurt was awarded an LEED Platinum certification and a Gold certificate from the German Sustainable Building Council (DGNB).



Caption 3: Panos Infinity is one of the most energy-efficient downlight ranges available on the market.