

Press release
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Eco⁺ – the product label based on energy consumption **Highly ambitious evaluation procedure rewards maximum economic efficiency**

With immediate effect, Zumtobel sets new standards of product classification according to criteria relevant to energy consumption. Zumtobel awards the eco⁺ label to products providing a special benefit for people and the environment. It is noteworthy that the criteria involved go far beyond technical data such as installed load. Eco⁺ luminaires are characterised by high lighting quality at low energy consumption, and they are made of environmentally compatible materials. The highly ambitious eco⁺ product label undercuts all existing national and international directives in terms of energy consumption by 20 %. Architects, designers and electricians can now identify particularly resource-saving products at a glance, even within a product range, since the eco⁺ label is assigned to individual articles.

The decisive factor for the environmental relevance of a lighting solution is the energy that is actually consumed. What is so special about the eco⁺ evaluation is its integral approach including all system components as well as the lighting quality of a luminaire. Eco⁺ involves three evaluation criteria: energy efficiency, environmental relevance and application quality.

Energy efficiency evaluates a luminaire's performance in terms of economic efficiency. It takes

into account both the light output ratio and the efficiency of lamps and ballasts. Efficiency is improved by factors such as a luminaire's dimmability.

Environmental relevance evaluates the environmental compatibility of the materials used for the luminaire. Luminaires must be provided with halogen-free wiring, and emergency luminaires must be fitted with cadmium-free batteries to obtain the eco⁺ label.

Frequently, focussing on consumption levels alone does not consider a luminaire's lighting quality to a sufficient extent. For this reason, minimum glare control levels have been defined for eco⁺, depending on the area of application. Quality enhancing light distribution features, such as indirect components, are specifically considered.

Limits are defined for each application category, so that special requirements can be taken into account. With this highly ambitious evaluation procedure, Zumtobel seeks to emphasise and significantly encourage an evaluation method that is based on both energy consumption and quality.

eco⁺

B1 | The new eco⁺ label identifies luminaires at the product level.



B2 | The entire Panos Infinity downlight range has been awarded the eco⁺ product label. The new label makes it easy to find particularly resource-saving luminaires in the product catalogue.

More information:

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