

MEDIAINFORMATION

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WOODEN HOUSE WITH ATMOSPHERIC LIGHT

Energy-efficient Nimbus LED luminaires have been integrated into the clear-cut and sustainable design of the Wohnhaus am Eichenberg (Residence on the Eichenberg) – both inside and outside.



The Haus am Eichenberg offers a breath-taking view of Lake Constance and is a masterpiece of sustainable building. Open space structures and pared-back materials characterise the new prefabricated wooden building constructed on the slope of the mountain. Nimbus's minimalistic LED luminaires fit in perfectly with the aesthetics of both the interior and exterior spaces. They were chosen by the Bertold Weber firm of architects for their "discreet appearance, consistent design and technical qualities".

Flexibility, transparency and natural materials characterise the "Haus am Eichenberg" realised by Bertold Weber Architekten from Dornbirn in Austria in 2019. Commanding a view of the idyllic Lake Constance and the surrounding peaks, the flat-roofed, modern residence has been cleverly built into the mountain side. While the rear nestles up against the mountain, the building opens up towards the valley with its large window facades facing the local village.

ENERGY-EFFICIENT BUILDING SYSTEMS WERE IMPORTANT TO THE CLIENT

A great deal of attention was paid to flexibility when designing the building so that the living spaces could be adapted to the various stages of the client's life. "There is a separate entrance on each level, and at a later stage the house can be divided into two units for two families," explains architect Helena Weber.

One striking feature is a vertical facade structure consisting of elegant strips of silver fir that help to graduate the transparency. It was important to the client that his home should be constructed in line with ecological principles by regional craftsmen and equipped with the latest, energy-efficiency building systems such as a geothermal heat pump, ventilation with heat recovery, and underfloor heating and cooling. Local construction materials such as silver fir and natural Schwarzsachtobler stone were used in the construction.

THE LED LIGHTING IS PART OF THE SUSTAINABILITY CONCEPT

The planners also placed demanding requirements in terms of sustainability and design on the lighting concept. Architects, specialist designers and the client opted for a total of 74 energy-efficient Nimbus LED luminaires for the atmospheric lighting of the house. They were won over by their "discreet appearance, good technical qualities, consistent design and versatility". Controlling the electronic building systems along with the inside and outside lighting is child's play thanks to the smart BUS system. The design team chose the Nimbus Modul R 36 and the Modul R 36 Aqua splash-proof ceiling luminaire, the turning and tilting Modul R36 TT ceiling luminaire and the Roxxane Office table luminaire.

THE LIGHTING GENERATES A CALM, RELAXED ATMOSPHERE

The lighting generates a calm, relaxed atmosphere in the minimalistic living spaces fitted out with selected, natural materials like glass, wood and exposed concrete, a black steel fireplace and individual, carefully positioned items of designer furniture. On the loft-like upper floor, the interior makes a fluid transition into the terrace with a magnificent view of Lake Constance.

Stuttgart, August 2020

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1 Sustainable building, energy-efficient lighting: the prefabricated wooden house on the slopes of the mountain was mainly built using local materials. The lighting concept realised with Nimbus inside and outside the house complements this concept perfectly. Photo: Adolf Bereuter

2 While the rear of the house nestles up against the mountain, the building opens up towards the valley with its large window facades facing the local village. Sustainable building, the use of mainly local materials and energy-efficient building systems were important to the client. The lighting concept realised with Nimbus fits in well with this approach. Photo: Adolf Bereuter

3 A dream house above Lake Constance: One striking feature is a vertical facade structure consisting of elegant strips of silver fir that help to graduate the transparency. Photo: Adolf Bereuter

4 Nimbus's minimalistic LED luminaires fit in perfectly with the aesthetics of both the interior and exterior spaces. Photo: Adolf Bereuter

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5 Flexibility, transparency and natural materials characterise the Haus am Eichenberg realised by Bertold Weber Architekten from Dornbirn in Austria in 2019. Photo: Adolf Bereuter

6 The lighting generates a calm, relaxed atmosphere in the minimalistic living spaces fitted out with selected, natural materials like glass, wood and exposed concrete, a black steel fireplace and individual, carefully positioned items of designer furniture. Photo: Adolf Bereuter

7 While the rear of the house nestles up against the mountain, the building opens up towards the valley with its large window facades facing the local village. Photo: Adolf Bereuter

8 At just 10 mm high, the Nimbus Modul R 36 luminaire is an extremely slim LED ceiling luminaire with a large direct light component. Photo: Frank Ockert

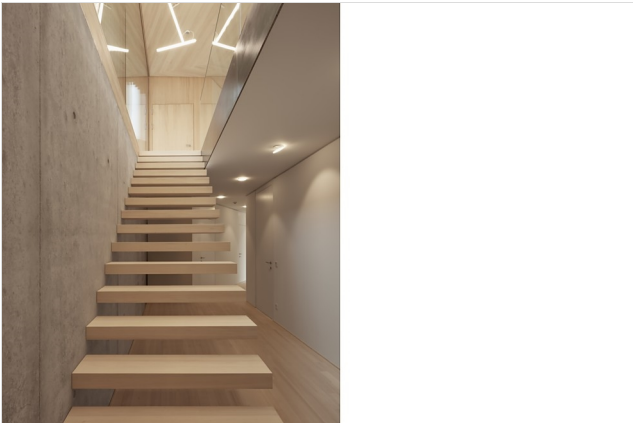
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9 The turning and tilting Nimbus Modul R 36 TT luminaire is a ceiling luminaire with a large direct light component. Photo: Frank Ockert

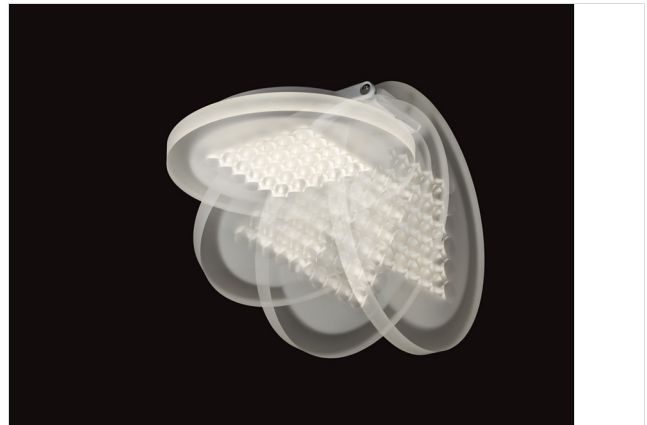
10 The turning and tilting Nimbus Modul R 36 TT luminaire is a ceiling luminaire with a large direct light component. Photo: Frank Ockert

11 One of the Nimbus lighting classics: the elegant reading and desk lamp Roxxane New Office. It also found its place in the new Residential house on the Eichenberg. Photo: Frank Ockert

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ABOUT NIMBUS GROUP

With its Nimbus Lighting and Rossoacoustic brands, the Nimbus Group belongs to the Häfele Group under the management of Sibylle Thierer, Jörg Schmid and Dietrich F. Brennenstuhl. The Nimbus Group's focus is on design innovation, room and furniture lighting, and integrated light-acoustics solutions. The Nimbus Group is located in Stuttgart and employs a staff of 111.

www.nimbus-group.com

ABOUT HÄFELE

Häfele is an internationally operating company headquartered in Nagold, Germany. The family firm was founded in 1923 and today provides furniture fittings, architectural hardware, electronic access control systems and LED light to the furniture industry, architects, planners, carpenters, cabinet makers and dealers in over 150 countries around the world. Häfele develops and manufactures in Germany and Hungary. With its 8,100 employees, 38 subsidiaries and numerous dealerships, the Häfele Group achieved a turnover of 1.5 billion euros worldwide in fiscal year 2019 with exports accounting for 80% of sales.

<https://www.haefele.de>

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