



TWIN-C REPORT

ARCHITECTURE | POSTFINANCE BERNE

CURRENT INFORMATION ON INTELLIGENT LIGHTING SOLUTIONS THAT ARE MADE BY WALDMANN



LIGHT IN HISTORIC LOCATIONS

TWIN-C LIGHTING SOLUTIONS IN THE POSTFINANCE HEADQUARTERS IN BERNE-WANKDORF



Berne Wankdorf is a fascinating location of fame, at least for German sports fans. When the 1954 football world cup was won against the seemingly invincible Hungarians, this was more than a sensational sporting success. The myth has remained, but the historic stadium had to give way to a new building. But Berne-Wankdorf is not just about football. The SC Berne ice rink has been located in the direct vicinity since 1967. Following extensive modernization, the arena was given a new look last year. The Swiss PostFinance is closely connected to the Swiss' biggest ice sports hall with more than 17,000 seats, which was also one of the main venues for the 2009 ice hockey world cup.

The PostFinance-Arena of SC Berne

The basis of the extensive engagement for the eponymous sponsor is the long-standing and successful partnership between PostFinance and Schlittschuhclub (ice-skating club) Berne. Everyone involved regards this as a harmonious constellation with lasting quality. The reasons for this are obvious. Both SC Berne and PostFinance are at home in Berne and leaders in their professions throughout the whole of Switzerland. In addition, both logos are in the same colors. The renaming of the stadium to PostFinance-Arena was no coincidence, but rather an expression of the close relationship between SC Berne and PostFinance.

This alliance was also illustrated by the fact that PostFinance integrated its service center in the extension of the ice sports arena.

Exemplary workplaces

State-of-the-art workplaces were created for 500 employees. The planner aimed to configure the workplaces, the fittings and the design to create a motivating working atmosphere. The employee should be given the opportunity to perform their tasks at their work station in uninterrupted concentration. At the same time, the aim was to support the internal communication so that discussions or spontaneous matters could be easily discussed. Corresponding zones were created for this purpose. The call center workplaces, which were integrated in the entire room concept, constituted a further planning focus. It was also important to set up efficient workplaces, which were shielded from the clerk workplaces in order to avoid any interruptions.



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1 In the arena's extension, the complete service center of PostFinance is housed in the redesigned premises. The Waldmann TWIN-C lighting concept and the ATARO PIR free-standing luminaire were used for the ergonomically correct lighting of the workplaces.

2 Temporarily used workplaces enable flexible working in a pleasant atmosphere.

3 The workplaces in the high-performance call center were specially configured and equipped.

Image concept/Image source: Waldmann

The overall aim was to create a rational but pleasant working atmosphere that motivates the employees and has a positive influence on their work.

Light played a special role because light significantly affects and influences how we feel. Unfavorable lighting conditions not only reduce our ability to perform, but can lastingly damage our health.

In view of the complex tasks, the responsible parties decided on the Waldmann TWIN-C concept.

Twin-C with ATARO PIR

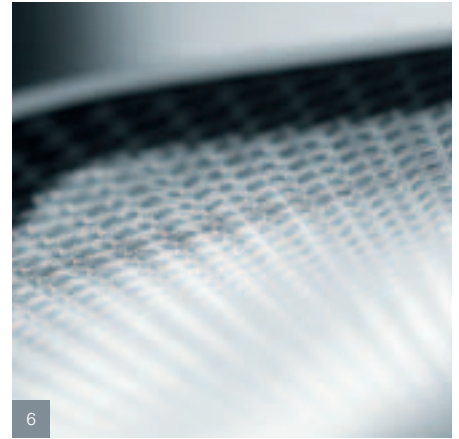
It was important to set up a lighting concept that provided a high level of energy efficiency plus a pleasant lighting climate.

A shadow-free illumination without disruptive direct glare was essential for visibility. It was not the even overall lighting of the room that was the focus, but rather the best and most economic lighting for the respective employee.

The Waldmann free-standing luminaire ATARO with integrated PULSE PIR lighting management system proved to be the ideal lighting component.

Aesthetics, high-quality materials and a new kind of operating convenience played a key role in the decision to use this luminaire. Furthermore, the intelligent lighting technology, which promised a high level of energy efficiency, was another convincing criterion.

The subtle shapes, the high-quality materials and the perfect finish are a close match with the customer's high-quality self-image.



5 The free-standing luminaires automatically adjust their luminous power to the natural lighting conditions. This ensures high energy efficiency and pleasant lighting comfort.

6 Featuring the innovative "AMBIO" glare-free technology.

7 The user-friendly operating element in the tubular section.

Image concept/Image source: Waldmann

Functional transparency

All this was combined with the ergonomic advantages. For the individual adjustment of the lighting direction, the luminaire head can be rotated in both directions by 45 degrees.

In keeping with the clear lines, the ATARO operating element is integrated at working height in the tubular section. This means that the free-standing luminaire is easy to reach from both a sitting and a standing position.

The two clearly understandable pictograms on the buttons describe the key functions for the employees: switch on, switch off and continuous adjustment of the amount of light.

High energy efficiency

Around 30% of the total energy requirements of an administration building are attributable to lighting. The 258 ATARO free-standing luminaires for the PostFinance-Arena were equipped with the Waldmann PULSE Passive Infrared Sensor (PIR) which is effective within a certain area. Accordingly,

ATARO switches on when someone enters the room and automatically switches off again. Furthermore, the sensor regulates ATARO's amount of light based on the level of daylight. This means that the energy consumption of individual luminaires can be reduced by up to 50% compared to the installed power.

Glare-free technology with added value

The core piece of the glare-free technology incorporated in ATARO is a prism disk made of colored PMMA (polymethylmethacrylate) with extremely high light transmittance. The precisely defined composition and structure of the material guarantee the perfect balance between standard-compliant glare-free products and the best possible efficiency (up to 99%).

BAP standard fittings

The workplaces in the administration wing of the PostFinance-Arena are really quite exemplary. The continuously expanded business development forces the company to modernize existing branches and to build new administration buildings.

The new PostFinance headquarters within view of the ice rink are truly outstanding.

More information on the TWIN-C solutions is available on the Internet at:

www.waldmann.com