

CUSTOM-MADE LUMINAIRES KEEPING PACE WITH ARCHITECTURE

NEW SACRÉ-CŒUR SCHOOL, ESTAVAYER-LE-LAC | NEW BUILDING



The site of the historic Sacré-Cœur in Estavayer-le-Lac, Fribourg, saw the contemporary development of a new school building take shape. Stylish luminaires created by Bart & Buchhofer Architekten AG and custom-made in collaboration with Tulux emphasise the striking appearance of the grid-shaped facade and create a warm atmosphere.

Building

New Sacré-Cœur school,
Estavayer-le-Lac (FR)

Building owner

Municipality of Estavayer,
Estavayer-le-Lac (FR)

Architects

Bart & Buchhofer Architekten AG, Biel
Florence Mani, partner and
project leader
Maxime Aubry, architect and designer

Luminaires

Tulux AG

SWISS LIGHT CREATIONS

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Unique luminaires skilfully showcase the building's architecture

Strong and striking architecture, with human occupants and users at its heart: Florence Mani, Maxime Aubrey and the team at Biel-based Bart & Buchhofer Architekten AG take this approach to come up with solutions that surprise time and time again. This was the case in Estavayer-le-Lac, Fribourg, where a new building was created on the site of the historic Sacré-Cœur and became home to a primary school with around 250 students in 2021.

"For us, architecture is the search for something extra special.

Good architecture should do more, not cost more," say the architects. With this in mind, they opted for special luminaires produced to their specifications for the lighting. This allowed light to create the optimal balance between aesthetics and functionality within the spaces.

"We wanted luminaires that make a statement and have a real presence in the room. We wanted them to be unique."



For project leader Florence Mani, the custom-made luminaires complete the strong and striking architecture.

A partnership on the same wavelength

In implementing the project, the architects relied on Tulux's many years of expertise in custom lighting production. The result was a highly constructive partnership that made it possible to accurately build on their clear specifications. For Florence Mani, new development project leader, the Tulux AG team is a highly co-operative and motivated partner. "We asked Tulux to assess every single step of development for feasibility."



Architect Maxime Aubry was primarily responsible for the design of the "Sanchez" luminaire.

The process of creating the luminaire involved finding a form that was suitable for different applications, as a ceiling-mounted luminaire in hallways and under the arcade, but also as a pendant luminaire in stairwells. Whether they were placed in inner hallways or outer arcades, the ceiling-mounted luminaires had to look as if they had come from the same place. The specific details associated with an outdoor luminaire, such as the different IP protection class, cannot show any aesthetic differences. Maxime Aubry, architect and designer of the luminaire, opted for an imposing acrylic glass cone with a bronze-coloured aluminium stand which he lovingly christened "Sanchez".

Over the course of the intensive partnership, it quickly became clear that the size and therefore weight of the custom-made conical luminaire was the first hurdle to overcome in the implementation. As Tulux has its own production and plastic processing facilities at its Tuggen (SZ) site, the experts were able to quickly develop a suitable procedure for shaping the 900 mm tall, 550 mm wide acrylic glass cone. It was also particularly important to the architects that the pendant luminaires were easy to install in the stairwell and convenient to

maintain. This was achieved with a height-adjustable loop screw, which was developed specifically for the "Sanchez" model.

Tulux as a partner for custom-made lighting solutions

Tulux ensures the ideal interplay between vision and standards when lighting spaces with its own light planning office – as it did in the Sacré-Cœur school, where requirements were particularly stringent due to the building's purpose as an education facility. In addition, all Tulux luminaires are tested on site in the associated and accredited measurement and testing centre, which ensures quality and flexibility in the development process.

"We recommended that the building owner work with Tulux because we knew the company had a lot of expertise in custom-made luminaires."

In addition to the special "Sanchez" luminaire, the SPIN model from the Tulux standard range was also used in the Sacré-Cœur school. SPIN is the ideal addition to the overall image, as its materials and circular shape make it perfect to mix and match.

We design light

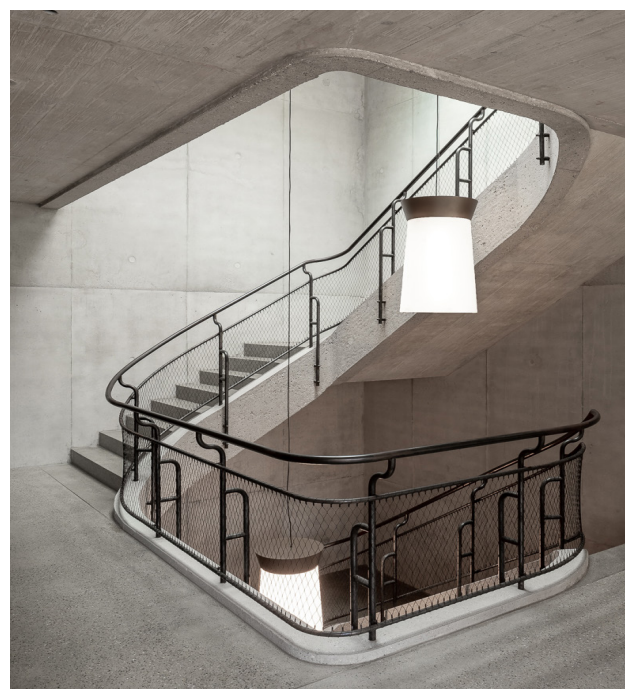
We design light, giving it form and an individual radiance: Rather than an arbitrary set of products, SWISS LIGHT CREATIONS stands for precise, convincing Swiss luminaires throughout our range. Our developers create not only high-quality standard luminaires but also custom luminaires according to client requests. We focus on luminaires and lighting systems that are 100% manufactured in Switzerland. Judging from the market's appreciation for what we do, we feel that our claims are justified and that we deliver precisely what

we represent. In Tulux, customers have a competent partner who accompanies and supports them and their vision from idea generation to the finished installation. As Tulux develops and manufactures everything under one roof, the products' functionality is fully guaranteed. The entire Tulux team works to ensure that the project not only shines, but also inspires all who behold it.

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With their central, aligned position, the ceiling-mounted luminaires contribute to the striking appearance of the inner arcades.



The pendant luminaires in the stairwells emphasise the vertical space and create a connection between the different levels.



The luminaires beneath the arcades are in line with the appearance of the concrete pillars and create a warm atmosphere.



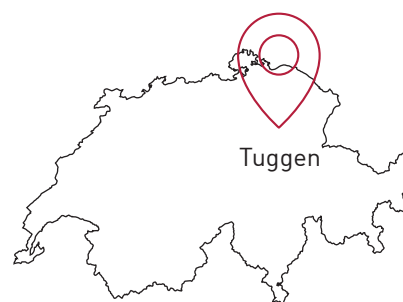
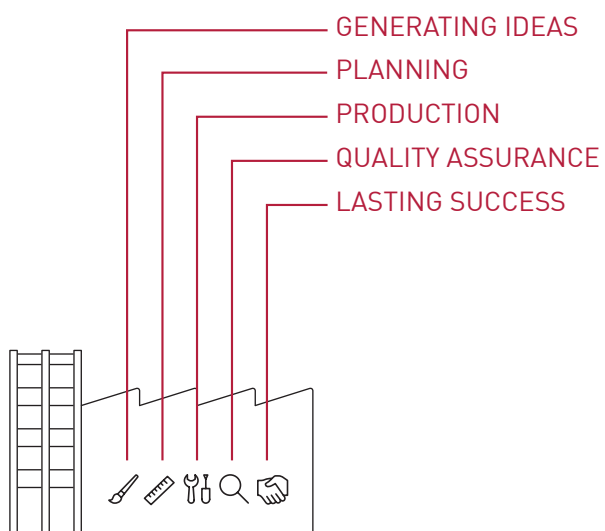
SPIN pendant luminaires of different sizes are arranged at various heights in the changing rooms.

You can find more references and inspiration at
www.tulux.ch/en/products/inspirations

Working in partnership

Tulux designs, develops and produces luminaires in Tuggen, Switzerland.

In addition to the extensive standard range, it provides custom luminaires based on your specifications. Tulux is therefore the ideal partner for your projects, no matter how large or small.



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