

UNTERSIGGENTHAL SCHOOL FROM FL TO INTELLIGENT LED

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Client

Municipality of Untersiggenthal

Location

School A, Untersiggenthal

Application

Classrooms

Our service

Advice, solution,
planning, implementation

The ABC of a classroom lighting solution

There is hardly anywhere with such high lighting demands as a classroom. The workstations of pupils and teachers need perfect light to allow focused work.

Untersiggenthal School knows this. It also knows that a leap to new lighting technology is needed. Under the EU Ecodesign Regulation, the T8 fluorescent tubes often used in classrooms have not been permitted since 1 September 2023. So the renovation of two school buildings called for an intelligent, energy-saving and future-proof lighting solution.

Top marks for the solution

In total, four school buildings were on the Municipality of Untersiggenthal's renovation list, starting with the oldest, built in 1911. Alongside top lighting conditions, the key factors were energy saving, making use of daylight and constant light control.

In the classrooms, the LED pendant luminaires meet all these requirements. Operating the lights doesn't require an extra lesson – it is simple and practical: one button lights up the whole classroom, another switches to presentation mode, and both can be dimmed to exactly the brightness that best supports learning and teaching. In the circulation areas, wirelessly networkable sensor luminaires have replaced fluorescent luminaires to light the way.

"We teachers all agree: the light quality in the classrooms has been excellent since the lighting renovation.

Overall, the light is comparable to daylight – brighter and clearer – and has a positive effect on our well-being. Personally, I also like the design of the luminaires."

Ursula Rey, Head Teacher, Middle School, Untersiggenthal School



Top of the class: our LED pendant luminaires!

- For lighting offices, schools, circulation areas etc.
- Direct and indirect light separately controllable
- DALI dimmable
- Seamless linking to continuous light lines
- Various lengths available

Light is our passion, forward-looking lighting solutions our mission.

Intelligent lighting solutions that inspire people, and solutions that combine energy efficiency, safety and comfort: that is our task. To make the world a little brighter.

LIGHTING CONCEPTS

As solution designers, we support you personally and assess the situation on site. The best basis for a perfect lighting solution.

PROJECT MANAGEMENT

It all starts with analysis. After solution-specific planning, we manage the implementation of the entire project and coordinate the trades involved.

INNOVATION

As pioneers and lateral thinkers, we keep developing our products and processes and get the most out of existing technology.