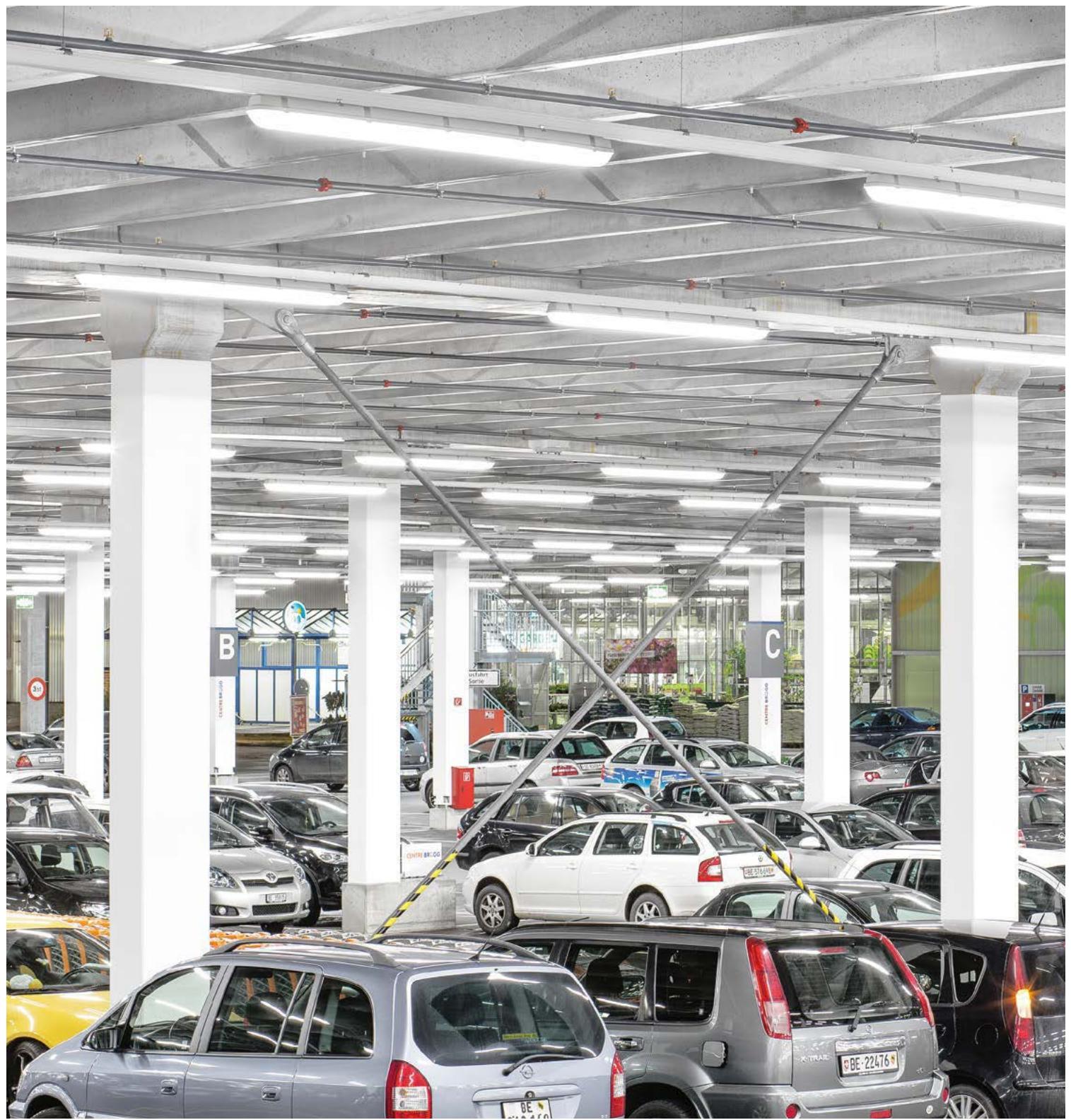




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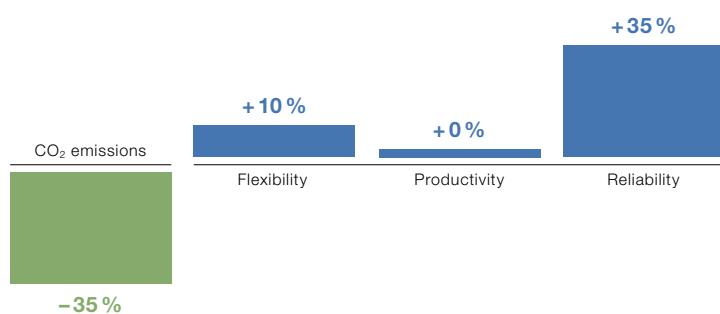
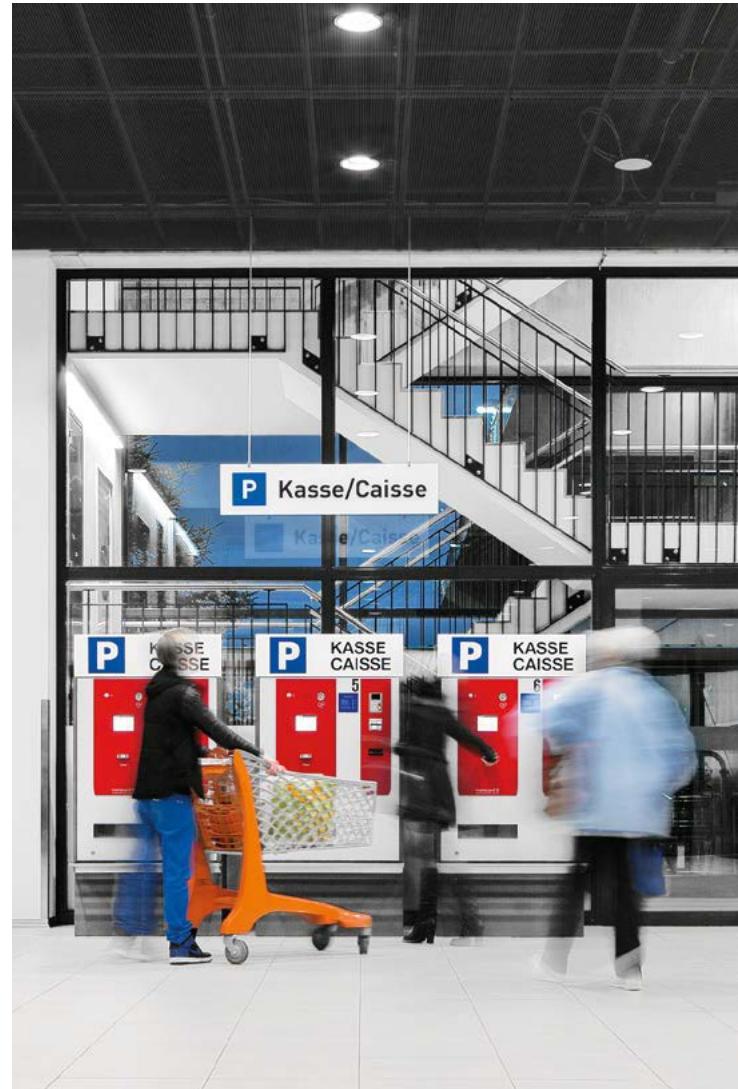
**Centre Brügg
car park**





An enjoyable shopping experience starts with a customer-friendly car park.

Centre Brügg in Biel is a popular shopping centre in the Swiss Canton of Berne. In order to provide extra convenience and safety for customers, a two-level parking deck was built instead of uncovered parking areas. A three-lane driveway, electronic indication of available parking lots and extra-wide parking spaces are intended to make access and exit as convenient as possible. This convenient car park is made perfect by a Zumtobel lighting solution. SCUBA LED luminaires arranged along both sides of the lanes ensure uniform and bright illumination of the parking and transit areas. PANOS infinity down-lights, SLOTLIGHT light lines and ONDARIA circular luminaires show customers their way to the shopping centre. In this way, superior lighting quality is combined with high energy efficiency and low maintenance costs, thanks to durable LED luminaires.



Centre Brügg car park, Biel/Bienne | CH

Client and operator: Migros Aare Cooperative, Schönbühl | CH
 Electrical consultants: Schnegg Elektroplanung AG, Lenzburg | CH
 Lighting solution: SCUBA LED moisture-proof diffuser luminaires,
 SLOTLIGHT II LED light lines, PANOS infinity LED downlights,
 ONDARIA pendant luminaires, PYLAS surface-mounted LED façade
 luminaires

1. CO₂ efficiency and cost efficiency

-35 % CO₂

Good protection, high efficiency

A lighting concept for convenient illumination of a car park must meet two criteria: high illuminance levels and high uniformity ensure a warm reception and a high degree of safety. For this purpose, SCUBA LED moisture-proof luminaires were installed along both sides of the driveways in the parking deck of Centre Brügg.

Calculations comparing the modern LED lighting solution with a conventional solution using T26 fluorescent lamps and magnetic ballasts result in energy savings of 35 per cent – just because a contemporary light source is used. This shows that investing in an LED solution will soon pay because of the energy savings alone. The use of lighting management systems for dimming the light at specific times of the day or on the basis of daylight or the presence of customers would create additional energy savings potential.

Energy-efficient thanks to LED: bright and uniformly illuminated parking areas



Convenience in a car park is created by spacious dimensioning of zones as well as by the illuminance level.



In order to ensure uniformly bright illumination, SCUBA LED moisture-proof luminaires have been installed along both sides of the driveways.

2. Flexibility

+10%

Versatility for application-oriented solutions

Matched to suit a variety of visual tasks, the Zumtobel range provides the perfect solution for any visual task. PANOS infinity LED downlights warmly welcome customers in the high-ceilinged rooms where the checkout areas are located. Additional accents are created by SLOTLIGHT LED light lines. ONDARIA circular luminaires illuminate the corridors and the entrance area. The transit and parking areas of the covered parking deck are illuminated uniformly and brightly by SCUBA LED. The IP65-rated luminaire combines good efficiency and toughness with premium lighting quality and a consistent luminaire appearance. Its batwing beam pattern ensures uniform light distribution, while built-in prism structures optimise the luminaire's light output ratio and minimise glare.

Light directs people's attention



The staircase in the brightly illuminated entrance area is additionally highlighted by a SLOTLIGHT light line.



Due to its striking size and design, the ONDARIA circular luminaire also fulfils a zoning function.

3. Productivity

The classic criteria for assessing productivity are not really relevant in a car park. Here the emphasis is on convenience and feeling safe, and the Centre Brügg car park attaches great importance to these factors.

Covered car parks are basically more convenient and safer than open parking lots. Additional added value is provided by higher illuminance levels and improved uniformity of illumination. The flow of traffic is accelerated by properly visible signs providing guidance. The pleasant visual impression makes it easy to enter the car park from the outside.

Clear zoning help to quickly get an overview



Light lines arranged along both sides of the driveways serve as visual crash barriers.

eco⁺

SCUBA LED bears the eco+ label for especially resource-friendly products. For more information on eco+, please visit zumtobel.com/eco

4. Reliability

+35 %

Long service life, little maintenance effort

In a car park that is not closed, like the one built at Centre Brügg, damp and coldness reach every corner. Reliable protection against these inconveniences can only be provided by luminaires with extra protection. Intelligent thermal management systems make sure that LED luminaires by Zumtobel have an extremely long service life. Where the reliability of luminaires and light sources is made to last, operating costs and maintenance effort are reduced. Safety in case of emergencies is ensured by luminaires with built-in emergency lighting modules and by escape sign luminaires. They can be seen from a long distance and show people the way to where they are safe.

IP 65 protection and LED: the perfect combination for lastingly reliable luminaires in covered outdoor areas



Due to escape sign luminaires that can be recognised from a long distance, the number of luminaires required has been reduced.



The SCUBA LED luminaire with IP 65 rating combines reliability and energy efficiency.



IP 65

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Top quality – with a five-year guarantee.
As a globally leading luminaire manufacturer, Zumtobel provides a five year manufacturer's guarantee on all Zumtobel branded products subject to registration within 90 days from the invoice date and in accordance with the terms of guarantee at zumtobel.com/guarantee.

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