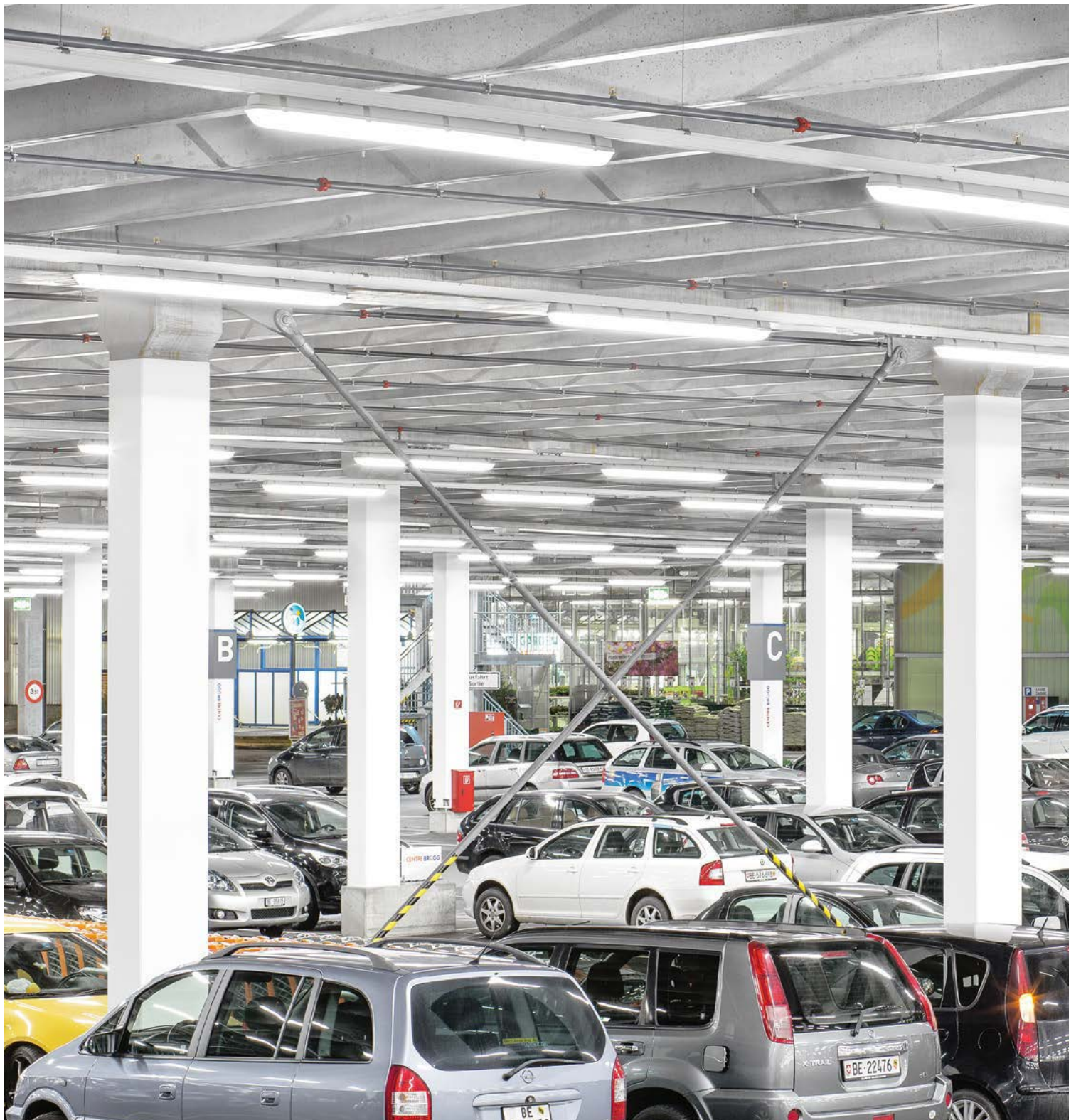


**Centre Brügg  
car park**

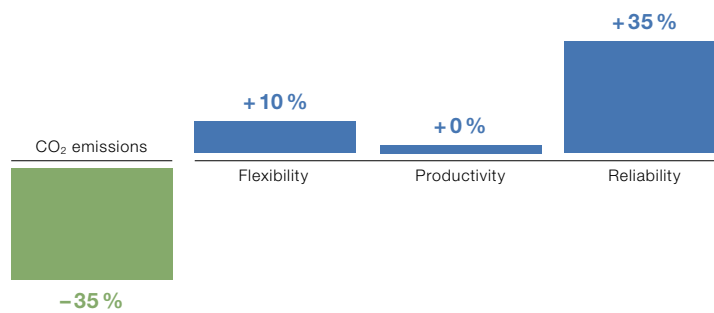
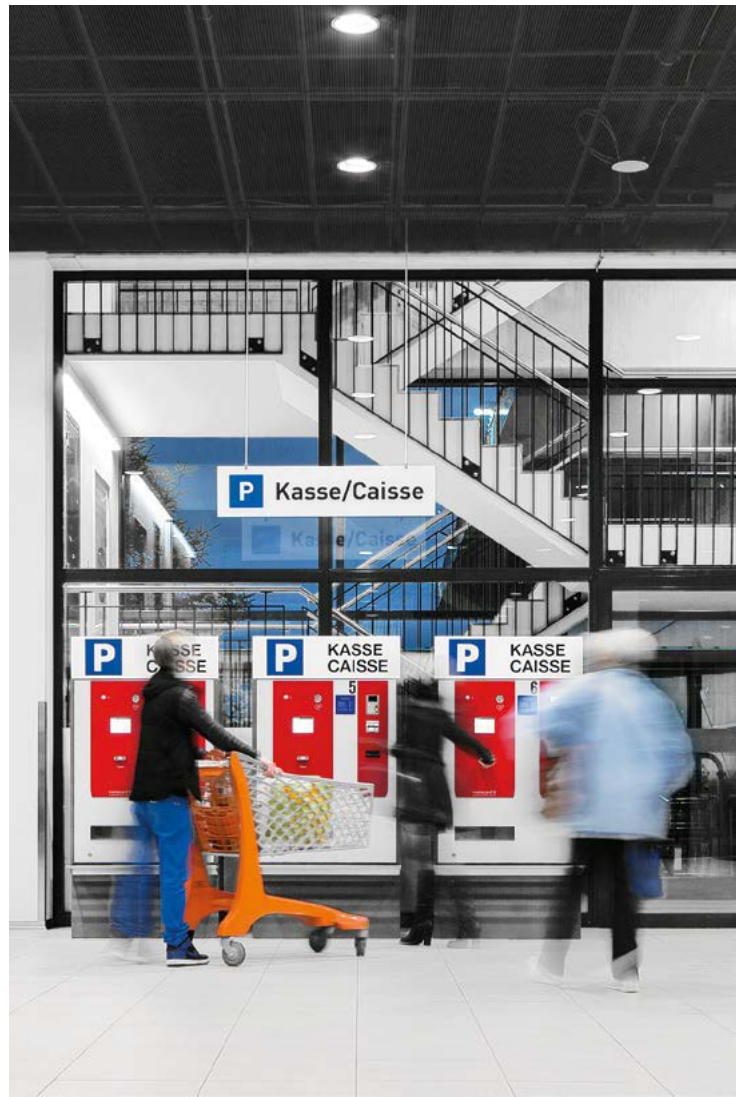




**An enjoyable shopping experience starts with a customer-friendly car park.**

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 downlights, 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.

[zumtobel.com/Industriallighting](http://zumtobel.com/Industriallighting)



**Centre Brugg 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. CO<sub>2</sub> efficiency and cost efficiency

–35 % CO<sub>2</sub>

## 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.



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



# ZUMTOBEL

## United Kingdom

Zumtobel Lighting Ltd.  
Chiltern Park  
Chiltern Hill, Chalfont St. Peter  
Buckinghamshire SL9 9FG  
T +44/(0)1753 482650  
F +44/(0)1753 480350  
uksales@zumtobel.com  
zumtobel.co.uk

## USA and Canada

Zumtobel Lighting Inc.  
3300 Route 9W  
Highland, NY 12528  
T +1/(0)845/691 6262  
F +1/(0)845/691 6289  
zli.us@zumtobel.com  
zumtobel.us

## Australia and New Zealand

Zumtobel Lighting Pty Ltd  
333 Pacific Highway  
North Sydney, NSW 2060  
T +61/(2)89135000  
F +61/(2)89135001  
info@zumtobel.com.au  
zumtobel.com.au

## China

Zumtobel Lighting China  
Shanghai office  
Room 101,  
No 192 YIHONG Technology Park  
Tianlin Road, Xuhui District  
Shanghai City, 200233, P.R. China  
T +86/(21) 6375 6262  
F +86/(21) 6375 6285  
sales.cn@zumtobel.com  
zumtobel.cn

## Hong Kong

Zumtobel Lighting Hong Kong  
Unit 4319-20, Level 43,  
Tower 1, Metroplaza,  
223 Hing Fong Road,  
Kwai Fong, N.T.  
T +852/(0)2503 0466  
F +852/(0)2503 0177  
info.hk@zumtobel.com

## India

Zumtobel Lighting GmbH  
Vipul Trade Centre, 406, 4th Floor  
Sohna Road, Sector 48,  
Gurgaon 122002, Haryana, India  
T +91/124 4206885 6886  
info.in@zumtobel.com

## Singapore

Zumtobel Lighting Singapore  
158 Kallang Way # 06-01/02  
Singapore 349245  
T +65 6844 5800  
F +65 6745 7707  
info.sg@zumtobel.com

## United Arab Emirates

Zumtobel Lighting GmbH  
4B Street, Al Quoz Industrial Area  
Dubai, United Arab Emirates  
T +971/4 3404646  
F +971/4 2993531  
info@zumtobeluae.ae  
zumtobel.ae

## Romania

Zumtobel Lighting Romania SRL  
Radu Greceanu Street, no.2, Ground  
Floor, sector 1  
012233 Bucharest  
T +40 731 32 1200  
welcome.ro@zumtobel.com  
zumtobel.com

## Hungary

Zumtobel Lighting Kft  
Váci út 49  
1134 Budapest  
T +36/(1) 3500 828  
F +36/(1) 3500 829  
welcome@zumtobel.hu  
zumtobel.hu

## Croatia, Bosnia and Herzegovina

Zumtobel Licht d.o.o.  
Radnička cesta 80 – Zagrebtower  
10000 Zagreb  
T +385/(1) 64 04 080  
F +385/(1) 64 04 090  
welcome@zumtobel.hr  
welcome.ba@zumtobel.com

## Serbia

Zumtobel Licht d.o.o.  
Karadjordjeva 2-4  
Beton Hala  
11000 Belgrade  
T +381/(0)11 65 57 657  
F +381/(0)11 65 57 658  
welcome@zumtobel.rs

## Czech Republic

Zumtobel Lighting s.r.o.  
Jankovcova 2  
Praha 7  
17000 Praha  
T +420/(2) 66 782 200  
F +420/(2) 66 782 201  
welcome@zumtobel.cz  
zumtobel.cz

## Slovak Republic

Zumtobel Lighting s.r.o.  
Vlčie Hrdlo 1,  
824 12 Bratislava  
welcome@zumtobel.sk  
zumtobel.sk

## Poland

Zumtobel Licht GmbH Sp.z.o.o.  
Platinum III  
ul. Wołoska 9a  
02-583 Warszawa  
T +48/(22) 856 74 31  
F +48/(22) 856 74 32  
welcome@zumtobel.pl  
zumtobel.pl

## Slovenia

Zumtobel Licht d.o.o.  
Štukljeva cesta 46  
1000 Ljubljana  
T +386/(1) 5609 820  
F +386/(1) 5609 866  
welcome@zumtobel.si  
zumtobel.si

## Russia

Zumtobel Lighting GmbH  
Official Representative Office  
Skakovaya Str. 17  
Bld. No 1, Office 1104  
125040 Moscow  
T +7/(495) 945 36 33  
F +7/(495) 945 16 94  
info-russia@zumtobel.com  
zumtobel.ru

## Norway

Zumtobel Belysning  
Hoffsveien 4  
Postboks 1025 Hoff  
0218 Oslo  
T +47 22 06 50 50  
info.no@zumtobel.com  
zumtobel.no

## Sweden

Zumtobel Belysning  
Birger Jarlsgatan 57  
11356 Stockholm  
T +46 8 26 26 50  
info.se@zumtobel.com  
zumtobel.se

## Denmark

Zumtobel Belysning  
Stamholmen 155, 5. sal  
2650 Hvidovre  
T +45 35 43 70 00  
info.dk@zumtobel.com  
zumtobel.dk

## Headquarters

Zumtobel Lighting GmbH  
Schweizer Strasse 30  
Postfach 72  
6851 Dornbirn, AUSTRIA  
T +43/(0)5572/390-0  
info@zumtobel.info

ZG Licht Mitte-Ost GmbH  
Grevensmarschstrasse 74-78  
32657 Lemgo, GERMANY  
T +49/(0)5261 212-0  
F +49/(0)5261 212-9000  
info@zumtobel.de

## zumtobel.com



### 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](http://zumtobel.com/guarantee).

EN 10/14 © Zumtobel Lighting GmbH  
Technical data was correct at time of going to press. We reserve the right to make technical changes without notice. Please contact your local sales office for further information.