

Petrol stations

Simply enhancing your brand with light

PHILIPS

sense and simplicity

“We wanted to ensure that within the fuel bay, the petrol pumps are clearly illuminated, while drastically reducing energy costs at the same time. Everything is visible, pumps, people, columns and cars. We were extremely impressed with the new LED scheme which has shown that illumination levels are almost the same as those achieved using conventional light sources.”

Ian Jagger, Group Electrical Services & Environmental Engineering Manager, Morrisons





Texaco
Bodegraven
The Netherlands

Lighting a petrol station

Good lighting helps people find their way while they're on the move. But it also has the power to make your brand sparkle, encouraging motorists to take a break from their journey to fill up or buy refreshments. What's more, the safer and more welcoming the ambience, the more loyal to your brand your customers are likely to be. Our solutions are designed to bring out the best in your petrol station without making any glaring errors in terms of energy efficiency.

Enhancing life on the move

The right lighting solutions can turn your petrol station into a branded landmark. A welcoming space for motorists' and one that projects a strong corporate image. Everything from the lights under your canopy to the lighting in your store can reassure customers that you can cater effectively for their every need.

Safety and reassurance

Not only does lighting help visitors to approach your station safely; it allows them to move around freely, guiding them towards the various service points and ensuring they take in everything around them in visual comfort. Movement detection can heighten the feeling of safety, alerting shop staff that customers have arrived on the forecourt by increasing the light intensity in an instant.

Light up sales

Clever use of light can also draw attention to the products you want to sell. An inviting atmosphere in your convenience store can attract motorists and their passengers, putting everyone in the buying mood.

Our lighting solutions are designed around decades of experience in retail lighting. We can help you to create high quality ambiances that will make fresh food look irresistible and chilled food last longer; give products shelf standout or make checking change easier. Because the right lighting sells.

Innovation everywhere

Wherever your petrol station needs illumination, we can provide it. Our total solutions cover lamps, gears and luminaires to state-of-the-art LED for light on demand and intelligent energy management systems. They come with over 100 years of experience in providing people-centric solutions that make a difference through their exceptional quality, efficiency and reliability.

Greener thinking

Our products don't just create outstanding ambiances; they're also designed to be planet friendly. Highly energy-efficient, they deliver the very best results with the minimum amount of energy consumption and light spillage. So your petrol station stands out for all the right reasons.

Petrol station overview



01. Undercanopy lighting



02. Shop lighting

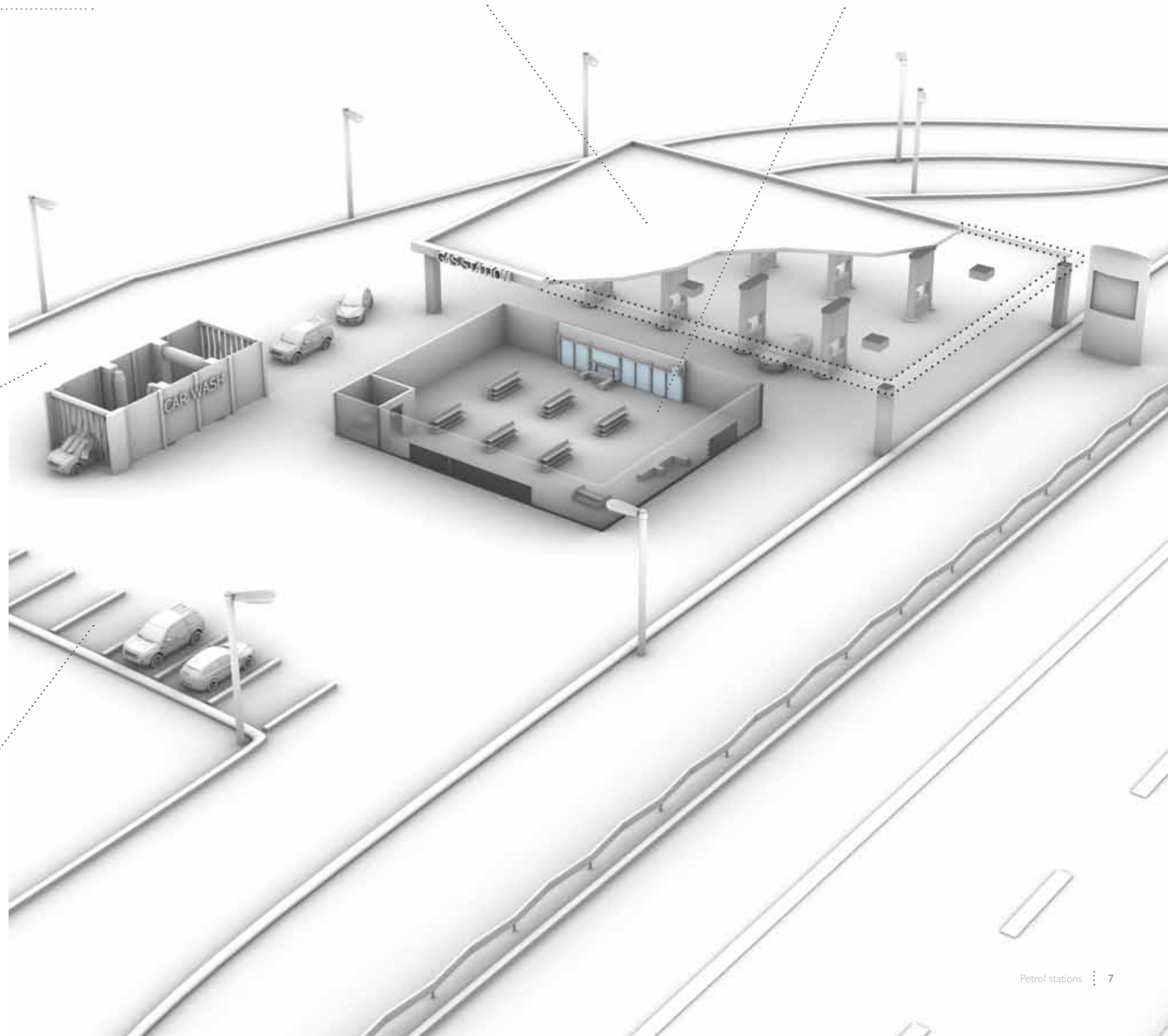
\\ 01 . Undercanopy lighting

\\ 02 . Shop lighting

\\ 03 . Parking & road lighting

\\ 04 . Carwash

www.philips.com/petrolstationlighting



04. Carwash



03. Parking & road lighting



Esso
Eemnes, The Netherlands

Undercanopy lighting

How can we save energy on undercanopy lighting without compromising on visibility?
By adapting its intensity wherever and whenever it's needed. People and planet-friendly lighting that uses considerably less energy at quieter times.

Lighting just where you need it, when you need it

Undercanopy lighting should make it obvious that your petrol station is open, but there's no need to overdo it. That's why we developed an undercanopy solution that adjusts to the circumstances at hand. As a vehicle approaches your petrol station it switches to a higher level of lighting, providing visiting motorists with the visual comfort they need at that particular moment. When there are no customers on the forecourt the light levels are dimmed, saving energy, but at the same time, ensuring sufficient lighting for orientation and safety.

The Philips Mini 300 LED system for undercanopy lighting is a breakthrough, retrofit solution that provides up to 80% energy savings, based on the unique video-based motion-detection and the attached dimming function for immediate adjustment to the customer frequency, that enables you to lower the light level down to 30%, when there are no customers at the station. So you can expect a return on investment in less than 4 years, whilst still living up to lighting standards set by the oil companies.



\\ 01 . Mini 300 LED

- Comfort and safety with high levels of light
- Up to 80% energy saving by dimming
- Fast return on investment in < 4 years
- Motion-detection video-sensor
- Easy installation and maintenance

- Motion-detection video-sensor for high efficiency and energy savings

Reference project Morrisons

Location:

Illingworth, United Kingdom

Lighting Design:

Sabine Mai (MaiLight)

save
up to
80%

Morrisons unveiled the first site to adopt its new LED lighting approach at its Illingworth petrol forecourt. The Philips LED lighting solutions show the versatility that LEDs have to offer.

How did they do it?

The old 250W metal halide canopy downlighters were replaced with IP65 rated Philips Mini 300 LED luminaires using high performance LEDs with movement detection to maximise energy savings. LED-based lighting was used for the canopy, kiosk and car wash areas.

What was the result?

Morrisons made substantial gains in energy efficiency without compromising on performance. The scheme has created a more welcoming environment. At the same time, energy consumption for lighting has been reduced by as much as 80%.



Reference project BP Tauernalm

Location

Flachau, Austria

Customer

BP petrol station Tauernalm

save
up to
80%

The BP petrol station in Tauernalm is one of the most frequented petrol stations in the ski region Flachau in Austria. As such, it was the first to be equipped with an energy saving LED lighting solution from Philips.

How did they do it?

The old 250W metal halide fittings were replaced with Mini 300 LED undercanopy luminaires with integrated motion-detection video sensors, that optimise the lighting ambience as well as energy savings.

What was the result?

The petrol station now saves up to 80% in energy use compared to the old lighting installation with no compromise on the quality of light or ambience. What's more, maintenance costs are also reduced thanks to the long lifetime of LED.





BP
Tilburg, The Netherlands

Shop lighting

Attractive from the outside, designed to encourage impulse purchases on the inside, our lighting solution put visitors in a buying mood. And with a clear, glare-free view of their car from in store, drivers will happily spend more time - and money - in your petrol station.

Good lighting sells more

Lighting creates an inviting ambience that attracts shoppers, so it's a key consideration in any petrol station shop. We can help you to optimise yours with superior lighting that stimulates impulse buying. With our extensive experience in designing and implementing retail lighting systems, whatever style you require for your shop, we can help you create it. Our comprehensive range of lighting products and the support of our lighting design and consultation services will ensure you enjoy a tailor-made solution that increases sales and reduces energy consumption.

Accurately controlled beam spreads, directed towards vertical gondolas as well as horizontal surfaces, enhance contrast and highlight your merchandise. It's the perfect way to encourage impulse purchases from the shelves and the chiller cabinets. And in the food section, our solutions bring warm colors to life, making the produce on display irresistible. Accent lighting creates a visual focus that makes people feel comfortable and attracts their attention. What's more, because our solutions don't interfere with the forecourt lighting, your customers will have a clear view of their car without glare from the shop window.



\\ 01 . PetroLED

- Gives flexibility in store lay-out with adjustable optic
- Creates high vertical light levels on gondolas
- Provides comfortable lighting with anti-glare cover



\\ 02 . LuxSpace

- Saves up to 50% on energy compared to CFL downlights
- Easy to install and zero maintenance with 50,000 hours of lifetime
- Available in 3 sizes and 3 choices of output



\\ 03 . StyliD

- Easily upgradeable, with a wide range of exchangeable parts and features
- Compact form with high quality finishing
- Colour consistency



\\ 04 . eW Cove
EC Powercore

- Improved light quality
- Appealing aesthetic design
- Easy to install cove lighting



\\ 05 . LED Cooler

- Slim design for closed-door coolers, quicker installation
- Breakthrough in efficiency, saves up to 70% of energy
- Improved under-well modules by new cover with optic function



\\ 06 . MASTER LEDtube
SA1

- Retrofit solution for TL lamps in open coolers
- Extremely energy efficient for savings of more than 54%
- High-tech optics for optimum uniformity and minimal glare
- A greener choice - no mercury, no UV or IR radiation

Reference project BP Vienna

Location:

Dresdner Strasse, Vienna, Austria

Customer

BP petrol station Vienna

save
up to
75%

BP is a global energy group with a presence in more than 100 countries. As part of their commitment to sustainability they carried out a pilot project to create a modern, environmentally-friendly filling station.

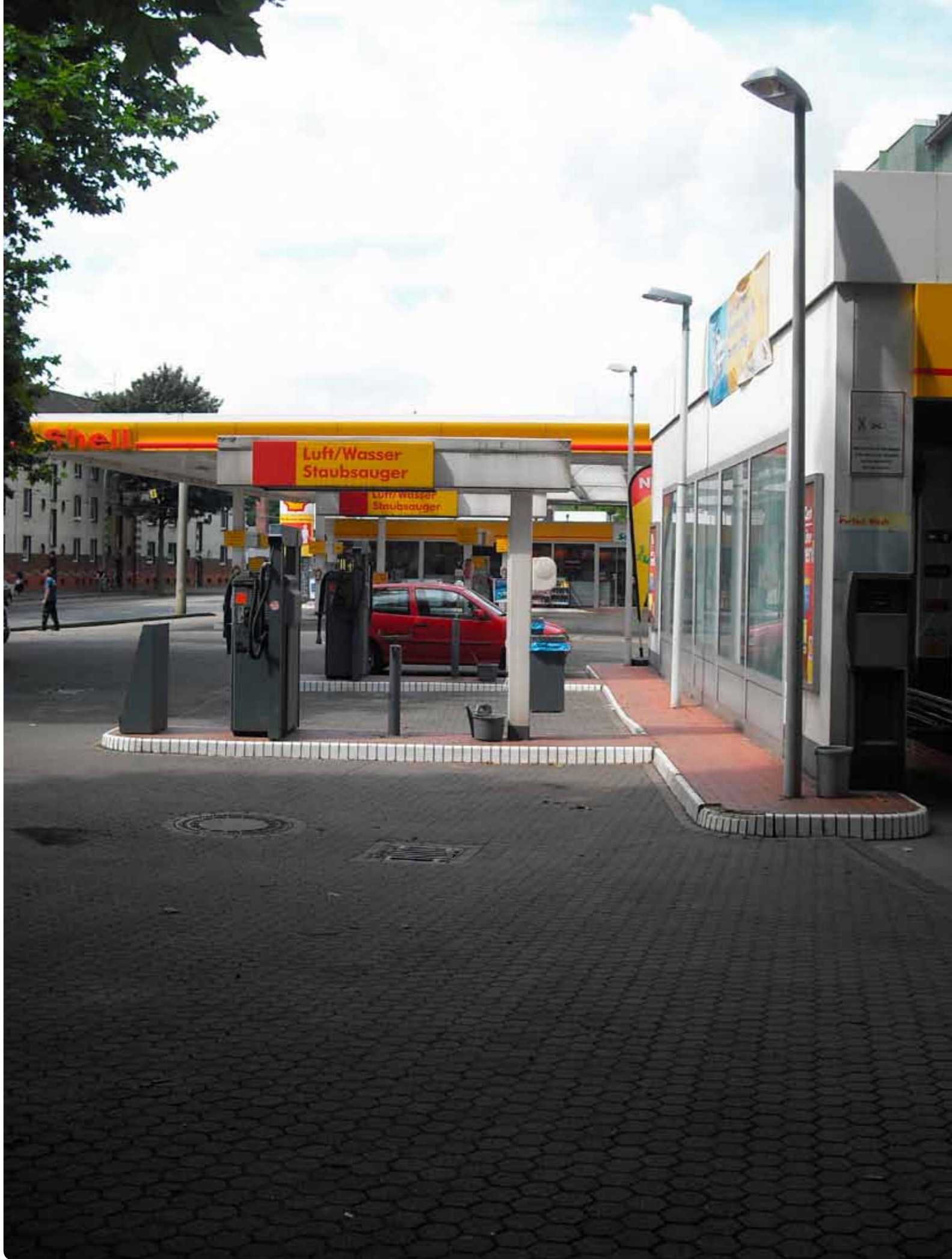
How did they do it?

Innovative LEDs that generate very little heat were installed on the refrigerator shelves. They draw attention to products and reducing the cooling power required, resulting in energy savings of 75%. Downlights and luminaires emphasise point of sale displays and create a warm and inviting atmosphere.

What was the result?

"The new lighting concept is a clear commitment to our ambitions in protecting the environment. But also the economical aspect is quite obvious. By using modern lighting technology we were able to significantly reduce our energy and maintenance costs."
Herbert Wöhri, BP Austria
Aktiengesellschaft





Parking & road

The approach roads and parking facilities will give motorists their first impression of your petrol station. The right lighting will make it feel welcoming and safe, with good visibility and no pockets of shade. All our luminaires are designed to provide precisely the right levels of light, in the right place, at the right time.

Enhancing safety

Drawing on our vast experience of lighting design for petrol stations, we've also developed a wide range of lighting schemes that offer enhanced safety, comfort and efficiency. Our white light solutions improve visibility, making your car park and approach roads far safer after dark. Using energy-efficient light sources for outdoor parking that only requires night time illumination will also make a big difference to your energy bills.



\\ 01 . SpeedStar LEDGINE

- Distinguished and modern design for a dynamic ambience
- Excellent lighting performance. upgradable from HID to LED
- Wide choice for elegant solutions in every situation

\\ 02 . Mini Iridium LED

- Most advanced green innovation with best possible TCO
- Additional energy savings by dimming or telemanagement
- Built for CosmoPolis system and upgradable for LED

\\ 03 . Koffer² LED

- Energy-efficient road lighting solution, upgradable LED module
- Constant Light Output functionality
- Smooth light perception
- Driver: Fortimo LLM

Reference project BP De Kroon

Location:

A27, Nieuwegein,
the Netherlands

Customer

BP petrol station De Kroon

save
up to
70%

The BP petrol station on the A27 opened in April 2010 following a complete refurbishment programme. In line with BP's commitment to sustainability, the lighting was renovated with highly efficient, LED lighting solutions from Philips.

How did they do it?

For the parking spaces and road lighting Koffer² LED luminaires featuring Fortimo LED technology replaced the old and inefficient lighting. The undercanopy installation was also replaced with dimmable Mini 300 LED undercanopy luminaires to save on energy and maintenance costs.

What was the result?

The new, efficient lighting saves more than 70% in energy use with no compromise on light quality or output. The white light creates a far more inviting ambience at the same time as improving the feeling of safety thanks to improved colour perception and facial recognition.



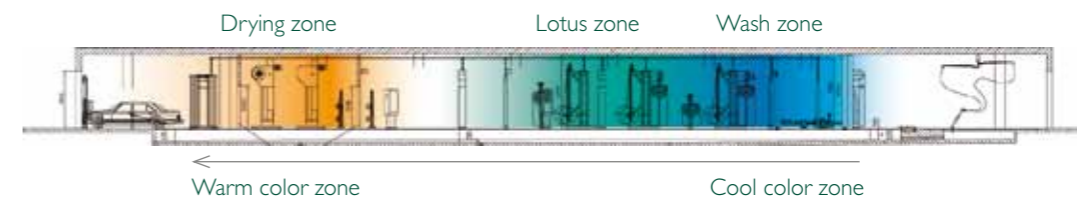


Carwash

The car wash can be a valuable income stream for your petrol station as well as a practical and fun service for customers. Our total car wash concept uses colour in exciting and dynamic ways to create a sense of adventure and bring the whole experience to life.

Lighting the journey

The car wash is something that all kids look forward too - even big ones! Our lighting concept can help make yours the destination of choice. At the entrance the light is enticing and helps to heighten the sense of excitement about what is to come. Once inside the whole experience is dramatic and futuristic with waves of changing colours enhancing each action. It helps to give meaning to each zone from the wash to the final wax and provides value for money that goes far beyond a spotlessly clean car.



Easy maintenance

During hours when the car wash is not in operation, functional lighting provides a safe and comfortable atmosphere for maintenance staff to work in.



\ 01 . C-Splash²

- Ultra-thin, rugged submersible LED system with IP68
- Generates vibrant color-changing effects
- Easy to install, experience and maintain



“Petrol stations need lighting solutions that make motorists feel safe and welcome. Our inspirational ambiances can help you sell more and save money and the environment at the same time. Let’s talk and see how your petrol station can benefit from our new generation of LED lighting solutions, if you make the switch today.”

Find out more at: www.philips.com/petrolstationlighting



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