

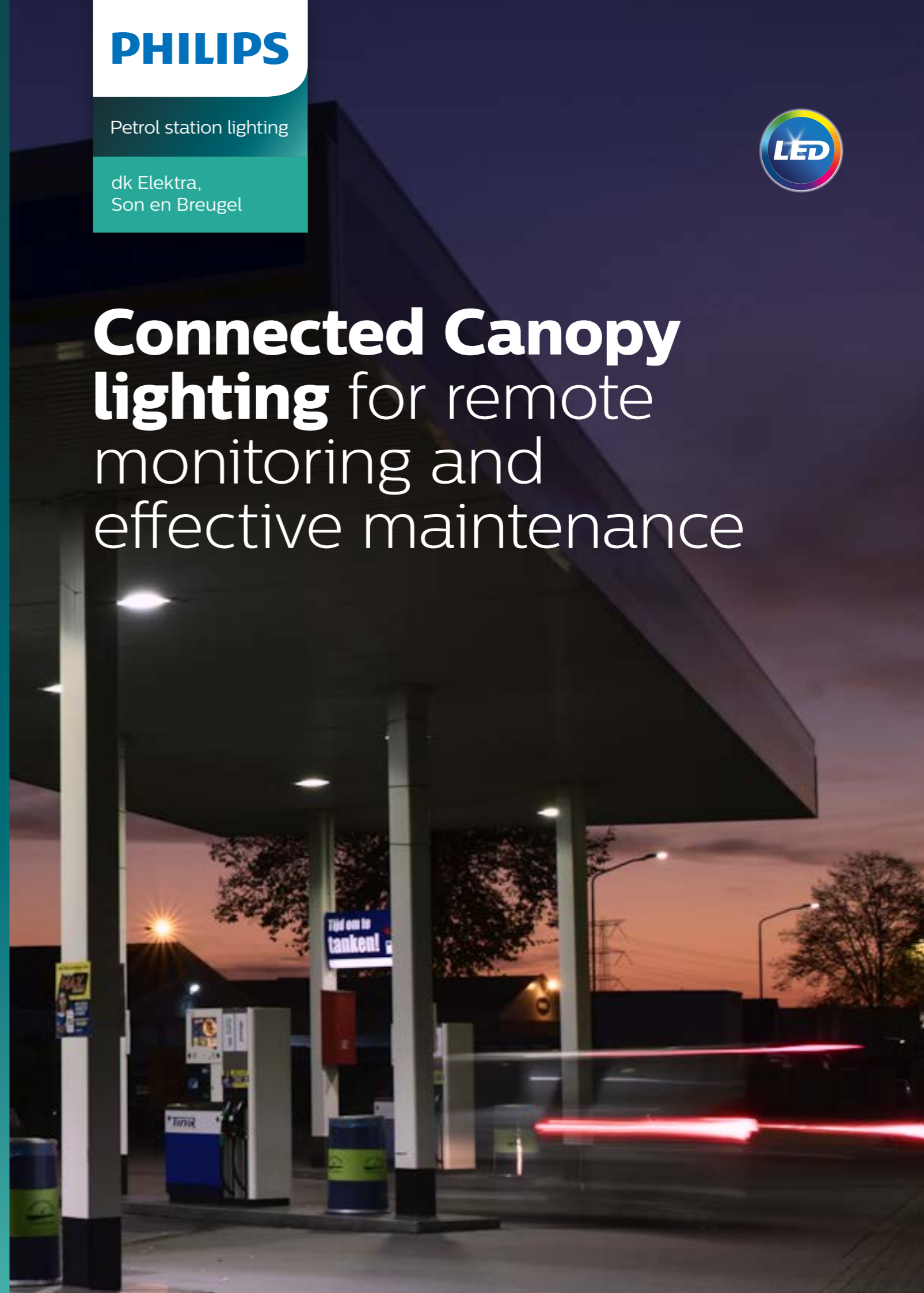
PHILIPS

Petrol station lighting

dk Elektra,
Son en Breugel



Connected Canopy lighting for remote monitoring and effective maintenance



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“There were many independent sources of information already available. Our aim was to **create one intuitive dashboard that brings all this information, including lighting, together in one place.**”

Peter de Keever, Director at dk Elektra

Challenges at petrol stations

The upward trend towards unmanned petrol stations brings its own challenges in terms of lighting. A brightly-lit environment is paramount in making drivers feel safe and comfortable. At the same time, any malfunction or wrong settings in the lighting system can disrupt operations and have a significant impact on the business. Maintenance companies therefore need a system that enables them to detect any faults and wrong settings remotely and notifies them instantly.

Connected Canopy lighting

In response to these requirements, we have developed a Connected Canopy lighting system. This open system allows third parties to use their own system and cloud in combination with Philips Mini300 luminaires. The system is incorporated not only in the current Mini300 luminaire, but also in all installed-base since 2012. The Mini300 is equipped with a Bluetooth antenna, which allows the luminaire to connect to any other third party system for control and monitoring. Simply connect it to your system, your cloud, your dashboard.

Opening up new possibilities

Dk Elektra uses our Connected Canopy to perform daily checks on luminaire status and energy consumption. All the information is recorded in the cloud-based dk Sitecontroller management software. If a luminaire malfunctions, the installer receives an instant notification and can react immediately to resolve the problem. The solution also enables preventive maintenance to be carried out. Installers can check how long luminaires have been running for, and plan their maintenance and replacing cycle accordingly.

The new lighting system means that day-to-day operations can be managed in one platform with a direct overview of luminaire status. Failure and malfunction notifications, remote checking and re-programming reduce maintenance costs and downtime. All of which can prevent loss of business due to non-functioning lighting at petrol stations.

“For the TinQ petrol station, which consists of three canopies, we installed Philips Mini300 luminaires. Each luminaire has its own Bluetooth sensor for connection to the dk Sitecontroller management software. **The technology is impressive and opens up many possibilities in this connected world.**”

Jan Poot, International Key Account Manager, Signify



Your system, your cloud, your dashboard

An open Bluetooth communication protocol allows for easy integration of our luminaires into your remote monitoring and maintenance system.



All day-to-day operations on one platform

A Bluetooth antenna in the control system communicates with the luminaires. Any data that is exchanged is stored in the cloud and can be accessed and visualized via an intuitive dashboard.



Instant response to malfunctions

If a luminaire is not working, the system sends a text or email notification to enable immediate rectification. Eliminating the need to visit the site multiple times to identify, verify and fix issues spells maximum efficiency and minimum downtime.



Asset management insights

The system also offers further insights into luminaire performance including serviceability, energy consumption and burning hours, making asset management easier than ever.