



Case study

Skanska Property office/showroom

Location	Warsaw, Poland
Philips Lighting	Solutions

PHILIPS
sense and simplicity

“We are delighted to include the latest innovations from Philips Lighting in our project. It enables us to offer even greater value for tenants as well as our investors.”

Waldemar Olbryk
President Skanska Property Poland



Helping Skanska Property Poland meet “deep green” goals

Fast Facts

Project

Skanska Property Poland office/showroom

Location

Warsaw, Poland

Philips Lighting products

LuxSpace, DayWave, DayZone, TurnRound, Philips Dynalite

Philips Lighting services

Solution design, programming, commissioning, lifecycle services

Project Team

Robert Rzepinski, Robert Karwacki (Philips Lighting)

Michal Pilarski (Skanska Property Poland)

Background

Skanska is a Fortune 500 company, a member of the UN Global Compact and one of the world's ten largest construction companies. The group develops offices, homes and infrastructure projects – such as schools and roads – around the world. Skanska aims to be a leader in quality, green construction, work safety and business ethics, and already follows a holistic and comprehensive approach in creating sustainable solutions for its own customers. In Poland, the Skanska Property office buildings are LEED certified, and generally consume 25% less energy than limits set by national standards.

The Challenge

With such a track record, Skanska is obviously already a model for doing business and operating in a sustainable way – but the company continues to set even higher goals. The Polish office has even embarked on an ambitious journey to go “Deep Green” in their building approach. For this, they needed a lighting partner that could provide them with the best possible long-term support, and so they began collaborating with Philips. In terms of lighting, Deep Green entails maximizing simplicity by delivering robust and long-lasting solutions that are also flexible enough to allow for continuous alterations, transformations and upgrades. This combination will make it possible to increase user comfort and reduce energy bills even more, and to get closer to near-zero environmental impact in terms of building operation and management.

The Solution

The solution that Skanska wanted Philips Lighting to design had to truly “outperform” in terms of user experience, energy efficiency and total lifecycle costs: the company had set an ambitious energy-efficiency target of 10W/m² – a level that surpassed that of their already-existing, highly efficient lighting systems. After insightful testing of products from the LED and Controls portfolios, Philips Lighting put together a golden combination: comfortable general lighting (DayZone); two types of downlights (dimnable LuxSpaces and flexible TurnRounds); and luminaires that recreate the rhythms of natural light (DayWave). The combination is not only extremely energy efficient, but also delivers lighting that enhances creativity and productivity in the workplace.

DayZone

Philips Lighting programmed and commissioned the entire system for Skanska, thereby ensuring that all of these state-of-the-art luminaires were connected via a smart, intuitive Philips Dynalite control system. This allows users to easily create perfect lighting scenarios for a variety of purposes in the most energy efficient way possible, by using a combination of natural and artificial lighting. And it couldn't be more intuitive, since the blinds, shutters and lighting are all integrated into – and operated by – the same, user-friendly controls system!

The Benefits

It is standard procedure at Skanska for the company to try out any new solution themselves before deciding whether to use it on a wider scale and offer it to clients. The new tailor-made system was therefore installed in a special, "Green Office" area of the Skanska Property Poland headquarters. Skanska employees actually work and welcome guests in this part of the building. This makes it possible for potential investors and office tenants to visit, and to personally see and experience the advantages that innovative lighting offers. Best of all, the system delivers just what the company wanted. The combination of the LED luminaires and controls resulted in an overall energy savings of 50%! As Skanska continues evaluating the system, Philips Lighting continues to provide reprogramming and reconfiguration services so the customer can see how the system can be adapted to changing needs over time. The collaboration is a great opportunity to promote intelligent lighting solutions to Skanska – and to their own customers, which may well lead to great new business opportunities for all parties concerned.

<http://www.philips.com/solutions>



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