

# Zaam Wonen chooses Sylvania SylSmart intelligent controls

Zaam Wonen

**Zaam Wonen is a housing corporation that originated from the merger between Maaskant Wonen from Stein and Woningbeheer Born-Grevenbicht from Born. Recently the offices in Stein (Limburg) were thoroughly renovated, including a completely new lighting plan with energy-efficient LED lighting solutions.**

One of the objectives of the management of the housing corporation during the renovation was of course to realise a considerable saving in energy costs. A crucial and necessary step for this was to optimally link the lighting to daylight control and presence detection. Together with installer Electro Willems from Roermond and Rexel, a number of fine product ranges from Sylvania with SylSmart Connected Building technology discretely integrated into them were chosen.

SylSmart Connected Building was selected as it offered a long term, sustainable, adaptive lighting control solution delivering maximum energy efficiency not just today but long into the future.

SylSmart Connected Building is a highly intelligent, de-centralised lighting control system which uses distributed intelligence to set the system up automatically and adapt

## Key Facts

**Client:** Zaam Wonen

**Partners:** Electro Willems from Roermond and Rexel

## Key Outcomes

- Additional energy savings with daylight control and presence detection
- Occupants comfort optimised with advanced and flexible light controls
- Autonomous and de-centralized system with no additional control cables thanks to the wireless communications between devices



to the changing needs of the users in the space. Suitable for use in small rooms as well as an entire building, the system works autonomously and requires no additional control cables thanks to the wireless communications between devices. With all the controls integrated to the luminaires, the solution is plug and play making installation extremely simple. Energy efficiency is optimised by an extremely compact presence and daylight sensor inside each luminaire enabling compounded incremental energy savings and with distributed intelligence can ensure advanced predictive lighting controls which deliver high occupancy comfort in equal measure ensuring the right amount of light, in the right place, for the right amount of time.

For the general lighting areas, Zaam Wonen opted for the modern, Concord by Sylvania, Ascent Square downlight, which combines a pleasant and effective LED lighting of the highest quality combined with SylSmart technology to offer an ultra-efficient lighting

solution. Lumiance By Sylvania, Insaver LED downlights were placed in surface mounted modules in the reception areas. For a more decorative effect in the offices, above the workstations and flowing through to the reception desk, the beautiful and versatile suspended Concord by Sylvania, Unity pendant luminaires were chosen. Their slim profile and modern aesthetic design offers clean lines of light and also offer both direct and indirect light for high occupancy comfort and low contrast ratios. This combined with the SylSmart Connected Building solution enable each luminaire to be individually adjusted to the wishes of each employee for maximum comfort and optimum energy efficiency.

The beautiful renovated offices were officially opened at the beginning of October 2018 by the mayor of Stein, Mrs. Leurs-Mordang. Zaam Wonen is ready for a beautiful and extremely energy-efficient future.

### Key Benefits

- Additional energy savings with daylight control and presence detection on every luminaire
- Occupants comfort optimised with advanced and flexible light controls
- Autonomous and de-centralised lighting control system with no additional control cables thanks to the wireless communications between devices

### Key Products :

- Ascent Square SSH
- Unity SSH
- Insaver surface DALI + SylSmart SSH DSN Kit



[sylvania-lighting.com](http://sylvania-lighting.com)

A Feilo Sylvania Company

Although every effort has been made to ensure accuracy in the compilation of the technical detail within this publication, specifications and performance data are constantly changing. Current details should therefore be checked with Feilo Sylvania Europe Limited.

Copyright Feilo Sylvania Europe Limited March 2019