



Case study

Lindehof Health Centre

Location
Philips Lighting

Hazerswoude-Dorp, The Netherlands
PowerBalance, CoreView, LuxSpace,
OccuSwitch DALI lighting control system



PHILIPS



‘It is very light, and the light is less tiring for the eyes due to the high light yield. I also save up to 50% on energy bills. Without the help of Philips Lighting Capital I would never have made this investment and taken advantage of all the benefits.’

Jan van der Meij, General Practitioner and co-owner of the Lindehof Health Centre in Hazerswoude-Dorp



Investing in 'healthy', sustainable LED lighting pays for itself in no time



Project info

Customer

Lindehof Health Centre

Location

Hazerswoude-Dorp, The Netherlands

Installer

Lex Ravensbergen

Wholesaler

Rexel Zoeterwoude

Philips products

PowerBalance, CoreView, LuxSpace, OccuSwitch DALI lighting control system

Philips account manager

Hans Pet

Philips lighting designer

Fred Dorgelo

Finance

Philips Lighting Capital

Background

The Lindehof Health Centre has opened in Hazerswoude-Dorp. It houses multiple healthcare providers, including a general practice, a pharmacy, a physiotherapy practice and the Young People and Family Centre. The building is mainly lit using the latest energy-efficient LED lighting from Philips, who also financed the project.

The challenge

As co-owner of the Centre, General Practitioner Jan van der Meij was also responsible for finding funding for the lighting. "Naturally, a health centre must also have 'healthy' lighting. Hence the choice of LED lighting, as LED lighting uses less energy and is less harmful to the environment. But, compared with traditional lighting solutions, the costs of investing in an LED lighting solution are much higher. The leasing arrangement with Philips Lighting Capital put this investment within reach."

The solution

For general lighting in the building, PowerBalance has been installed in many places. This LED luminaire fits seamlessly into the ceiling and is the most efficient lighting solution available today. It is also a beautiful fixture that offers so much light that desk lamps are no longer necessary. In the first aid room, the assistant's room and in the front and back offices, we save energy by using daylight and presence control, achieved using the OccuSwitch DALI lighting control system. CoreView LED

luminaires provide additional lighting above the beds in the examination room. The other offices, tea areas and bathrooms are equipped with LuxSpace dimmable LED downlights. Due to their long life of 50,000 hours, they will not need to be replaced for the next 20 years. There is a colour temperature of 830K for this LED lighting. It's a slightly warmer colour than the other lights, "and that creates a little more atmosphere," according to Van der Meij. Compared with conventional light sources, especially in combination with daylight and presence control, these LED lights save energy and associated costs of up to 50%.

Benefits

"I'm really excited about the lighting," says Van der Meij. "The light is pleasant and less tiring on the eyes because of its high lumen output." Thanks to the good colour rendering, the design and the 'branding colours' are shown at their best. The project is financed over a five year period. "Because I benefit immediately from the energy savings, the monthly lease charges are affordable. More importantly, this durable solution lasts fifteen to twenty years, so I will earn my costs back during this period." Van der Meij also mentions the Energy Investment Allowance (EIA) that he is eligible for, thanks to the durable LED lighting. "Without the help of Philips Lighting Capital I would never have made this investment and taken advantage of all the benefits."



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