



Case study Talis Nijmegen

Location
Philips Lighting

Nijmegen, Netherlands
MASTER LED E27



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PHILIPS
sense and simplicity



“The energy consumption of the MASTER LED is significantly lower than that of TL8 lighting. I can tell you already that the pilot will be a success, and that’s without even taking into account the other benefits, such as the low frequency of lamp replacement.”

Jeroen van Someren, project leader at Talis (left), and Paul Kwakkernaat, director of Kwakkernaat Elektrotechniek electrical contractors

Philips MASTER LED in apartment block walkways good for the environment and the residents’ quality of life



Fast facts

Client

Talis

Electrical contractor

Kwakkernaat Elektrotechnisch company

Location

Nijmegen, Netherlands

Philips products

MASTER LED E27

Philips account manager

Casper Kouwenberg, Philips Nederland Licht

Background

With almost ten thousand houses and apartments in Nijmegen and over four thousand in Wijchen, Talis is one of the large housing associations in the Arnhem/Nijmegen region. Its mission is to provide adequate affordable housing, also for the more vulnerable members of society. Apart from building new housing and maintaining the existing housing effectively, Talis also believes the quality of life in the residential areas is very important. Talis wants to provide pleasant accommodation in neighbourhoods and areas where people can enjoy living.

The challenge

“The municipality of Nijmegen attaches great importance to sustainability and quality of life,” says Jeroen van Someren, the Talis project leader. “Our organisation agrees with this entirely. For example, energy saving is a top priority for us.” That’s why, when it came to renovate the existing flats in the Rentmeesterlaan in Nijmegen, Talis was quick to accept an innovative tip from Paul Kwakkernaat of Kwakkernaat Elektrotechniek electrical contractors. He suggested replacing the existing TL8 lighting in the walkways in the flats with Philips MASTER LED. This LED lamp looks like the traditional incandescent lamp but is based on LED technology, with the advantage that it consumes less electricity.

The solution

After carrying out various tests in which the LED lamp did very well, Talis decided to start a pilot in which all of the TL8 lighting in the walkways in the flats would be replaced by MASTER LED. Van Someren explains: “Amongst other things, the test showed that two MASTER LEDs in one luminaire deliver the same light output as one luminaire with TL8 lighting. That is why we had a luminaire with two MASTER LEDs developed especially for this pilot.” One hundred and twenty five luminaires fitted with 250 MASTER LEDs have now been installed in the flats in the Rentmeesterlaan.

Benefits

At the end of the year-long pilot, Talis will get together with Philips and Kwakkernaat Elektrotechniek to evaluate the experiment. Key criteria include light output, energy consumption and lamp replacement. Van Someren is happy to predict the outcome. “I’ve already received some figures and they show that the energy consumption of the MASTER LED is much lower than that of the TL8 lighting. I can tell you now that the pilot will be a success – without even taking into account the other benefits, such as low frequency of lamp replacement. The caretaker used to have to replace lamps quite regularly, but from now on that will hardly ever be necessary. This will give him more time to attend to the needs of the residents ... and that will improve their quality of life.”