



Case study

ETB Cas Sombroek

Location
Philips Lighting

Volendam, the Netherlands
incl. LuxSpace, DayWave, DayZone, DaySign, Spot LED 3,
iColor Cove, LEDlines, OccuPlus

PHILIPS
sense and simplicity



"We have completed an office building, our own office building, which for 95% consist out of LED lighting. The result is fantastic. Actually our business is now a showroom that we work in too. With great success we have paid attention to the wellbeing of the workers and considered energy savings at the same time."

Marco Sombroek, director ETB Cas Sombroek



Sombroek: employees work happily and productively in a sustainable showcase for LED lighting



Project info

Customer

Cas Sombroek Electro technical Bureau

Location

Volendam, the Netherlands

Philips products

incl. LuxSpace, DayWave, DayZone, DaySign, Spot LED 3, iColor Cove, LEDlines, OccuPlus

Philips account manager

Paul Nederveen

Further information on LED solutions for office lighting:

www.philips.com/ledsinoffices

Background

In 1939 Cas Sombroek opened a shop in Volendam selling lamps by Philips and electrical appliances. Later on, the emphasis moved more towards technical electrical installations. In the 1970s, Sombroek moved on from the shop in order to grow the company as ETB Sombroek. The company, which is active in domestic and commercial construction has around 115 employees and over 60 commercial vehicles. In April 2010 they took on new office premises with storage space. Director Marco Sombroek (3rd generation) opted for a progressive lighting plan.

The challenge

“We wanted to achieve a showcase with innovative LED lighting,” explains Marco Sombroek. “We often advise our clients on energy-efficient solutions. Therefore everything in-house has to be perfectly arranged. We sat down with Philips early on stage to create this plan.” In addition to energy-efficiency, employee comfort was also a significant objective. “For us this was a tremendous challenge: the creation of an office in which 95% of the lighting was LED. The result is fantastic. Actually our business is now a showroom where we can work too. We also paid full attention to the wellbeing of our employees – and with great success.”

The solution

The new premises of ETB Cas Sombroek on the Julianaweg in Volendam counts around twenty LED luminaires which contribute

to a pleasant working atmosphere and savings in energy costs.

The working environment is clear and bright. The dynamic lighting in the offices supports the employee's biorhythm. In the morning the light is cool and fresh for a good start to the day's activities; during the course of the morning the light softens and becomes warmer, which invokes a feeling of comfort. After lunch it becomes brighter once more. The functional and beautiful luminaires DayWave and DayZone offer the option to tailor the colour temperature of the lighting to your own requirements. The adjustable LED spots DaySign give an extra decorative emphasis. The exterior LED lines offer the option to give the building splendid changing colour tones in the evening and at night time.

Benefits

Marco Sombroek is convinced that a saving of 30 to 40 percent in the cost of electricity has been achieved. “I also get very positive reactions from the employees. They find it a pleasant place to work in and they remain more active throughout the course of the day than before. So it also achieves the objective of pleasant and productive working.” This innovative lighting gives ETB Cas Sombroek literally and figuratively more atmosphere. “We have already had a number of visitors with various enquiries and orders as a result. This is certainly going to contribute to the future growth and prosperity of our business.”



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