

THORN

LIGHTING PEOPLE

Case Study

Skive Business College, Denmark



Skive Business College chooses Thorn LED luminaires for new teaching wing



Background

Skive Business College in Skive, Denmark, is one of the most modern and dynamic schools in the country. It has worked hard in recent years to create a comfortable and effective educational environment and has most recently extended its facilities with a new wing comprising 15 new classrooms and shared facilities.

Lighting objectives

Lighting was a key consideration for the new wing. The college was keen to find a solution which would contribute positively to the various learning and recreational activities that take place during the day. The lighting had to be efficient and work well for both students and teachers, and in classrooms, hallways and the shared facilities.

Lighting solution

Skive Business College chose Thorn LED luminaires to illuminate the new wing with a combination of Omega LED fixtures in classrooms and Chalice LED fixtures in the corridors.

Results and benefits

Omega LED uses 50% less energy than a 4x18W T26 (T8) fluorescent. What's more, with DALI dimming as standard, the college can easily make additional savings while ensuring the lighting is suitable for the task. As well as being energy efficient, Omega LED provides good glare control to eliminate uncomfortable reflections from computer screens and smart boards.

In the corridors, Chalice 190H LED luminaires create a focused and effective downward light of 2 000 lumens in areas where it is often a challenge to create good lighting conditions. Chalice 190H can reduce energy consumption by up to 70% compared to conventional CFL downlights, making it particularly suited to the college's long burning hours.

Both luminaires are fitted with plug and play connectors, making them easy to install and replace. There are also individual classroom controls for maximum flexibility.

Niels Yde, Director at Skive Business College, is pleased with the lighting provided by the Thorn luminaires. He explains: "We looked at several factors while choosing the final lighting solution. First of all it was important for us to ensure task lighting which is well suited for educational use. It's also always a challenge to ensure the correct colour reproduction when transition from incandescent to LED. But we have successfully achieved that by working together in collaboration with the architect and the engineer on the project."

"In addition, we of course looked at efficiency. We need the lights on a lot of hours every day, so the economics of running the lighting is important – both in what it costs to have the lights on and the operational savings due to fewer lamp changes."

"All in all, we're delighted to have a college that uses the latest technology which looks great and is optimised for the demands of the future."

Products used

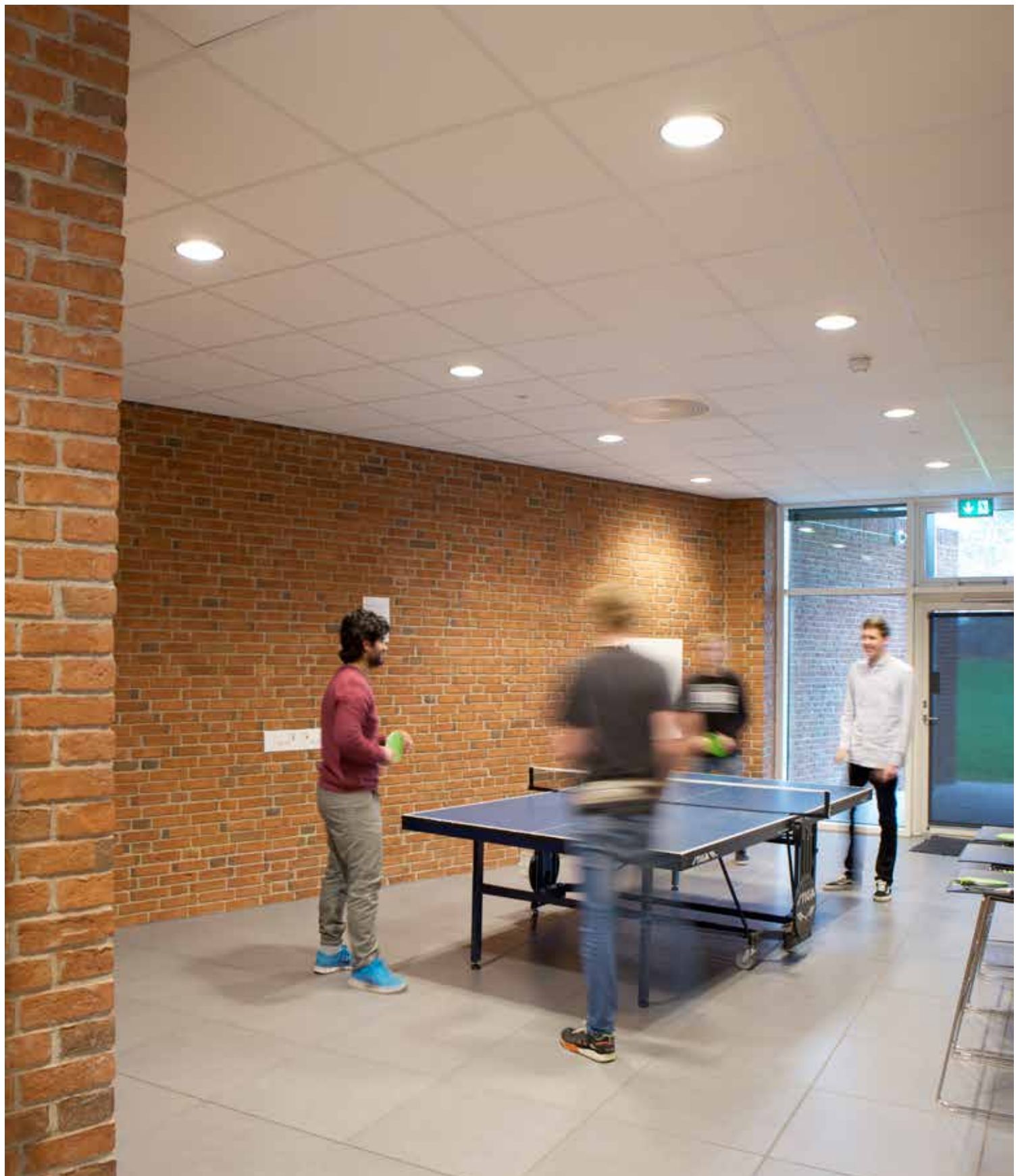


Omega LED



Chalice 190H LED





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