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**Workout
Spaces**
UV-C lighting

Case study:
't Klaslokaal Gym
Bloemendaal, Netherlands



In our gym, all hygiene and distance regulations according to RIVM¹ are implemented. I am convinced Signify UV-C lighting provides a valuable contribution to keeping the air in the upper sections of our workout spaces disinfected. You work out in a disinfected room and we are the first to introduce this in the Netherlands. I believe that aerosols are a big part of the problem and I want to be 'avant-garde', to be part of the solution. And if the second wave will arrive, we are ready for it."

Toby Timmers
Owner, 't Klaslokaal

Customer challenge

't Klaslokaal is a gym school based in Bloemendaal, the Netherlands. When the COVID-19 pandemic kicked in and the lockdown was announced, the owner Toby Timmers had to quickly adapt and think of new ways to avoid personal bankruptcy. Despite all the efforts and adjustments, including aerobics lessons via Zoom and lessons in the parking lot, the business was suffering. He had to close his exclusive women's gym and adapt.

The right lighting

Being an entrepreneur, Timmers reinvented himself and developed a new concept: a disinfected gym, where one can easily exercise at a 1.5 m distance, without worrying about being too close to others in an indoor space where the virus can spread. Next to excellent ventilation he installed four Signify UV-C disinfection upper air units in his gym, which are designed to be installed on ceilings for the disinfection of air in the upper areas of a room in a wide range of applications.²

First gym in the Netherlands with UV-C lighting to disinfect air in workout spaces



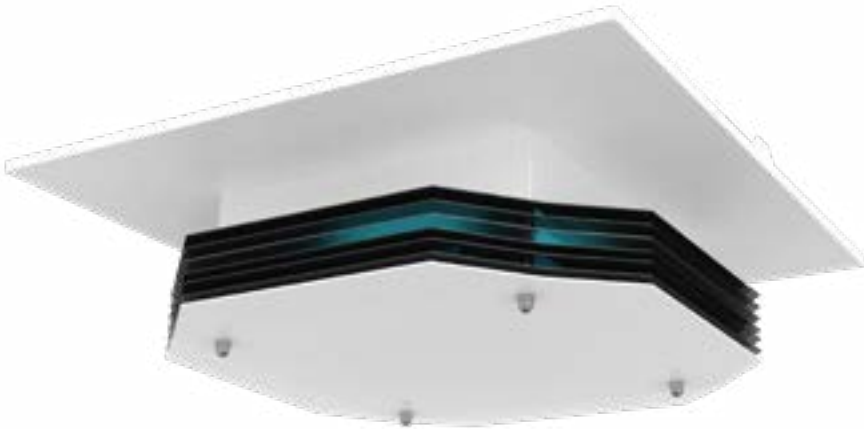
Learn more

Visit www.signify.com/uv-c for more information.

1. National Institute for Health and Environment in the Netherlands.
2. Certified UV-C installation by Alain Timmers, Timmers Elektro en Illuminatie Techniek BV, The Netherlands



Alkco ceiling mounted upper air disinfection



Optimized for low ceiling heights (minimum of 2.5 meters)

UV-C rays are distributed at the height of the luminaire and above. The beam of UV-C rays is controlled by specific reflectors and the louvre design. This allows for the disinfection of the air in a room, while day-to-day business activities can continue underneath the area where the device is active. Philips PL-S TUV lamp included (4x9W).



Inactivates pathogens

Alkco UV-C disinfection upper air luminaires inactivate up to 99.9% of virus Coliphage Φ X174 in air within 10 minutes in a room with sufficient air circulation.¹ UV-C light has been shown to effectively inactivate the pathogens tested.²



Safety in mind

Radiates UV-C in the upper areas, where it does not reach people. As a result of this, business activities can continue, while the device is on.³



Environmentally friendly

No ozone emissions during or after use.

1. Results obtained from a laboratory test conducted by Intertek, a leading worldwide quality assurance services provider.

2. Reed, N.G. 2010. The history of ultraviolet germicidal irradiation for air disinfection. Public Health Reports January-February, 125(1):15-27

3. Alkco UV-C Superior Air Disinfection Fixture should be sold and installed only by professionals in accordance with our strict safety and legal requirements set forth in the user manual and / or instructions assembly.

