



Creating Cleaner Spaces for Education

Schools are filled with students, teachers... and millions of microbes.

Public and private. Pre-school and post-secondary. Schools of every size and type are gathering places for the exchange of ideas... and germs as well.

A Hotbed for Germs

Schools are a hotbed for the presence of invisible germs that grow exponentially. Left undetected on surfaces, bacterial cells can double in number every 20 minutes, increasing the opportunity for students, faculty and staff to come in contact with.



In a recent study in an active school environment, Vyv antimicrobial lights achieved significant bacterial reductions.

Multiple sites were swabbed for two weeks to establish baseline values. After four weeks, a **99.6% reduction in bioburden** was achieved. The installation of Vyv's antimicrobial lights continuously delivers protection in schools **24/7/365**.

Routine Cleaning is Not Enough

Custodial staff sweep floors and empty trash but typically don't spray or wipe all surfaces. If they do, it's not enough to effectively combat bacteria. In between cleanings, bacteria grow unchecked, making every surface in the building a potential breeding ground for germs.

Where do microorganisms grow in school environments?

- Students' Desks
- Teachers' Desks
- Children's Toys
- Books
- Staff Workstations
- Food Prep Areas
- Cafeteria Tables
- Gym Equipment
- Locker Rooms
- Conference Tables
- Nurse's Office
- Computer Keyboards
- Mice & Mouse Pads
- Classroom Materials
- Rest Rooms
- Handrails & Hallways
- Doorknobs & Push Bars
- Trash Receptacles



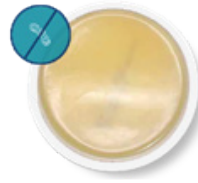
Vyv's patented antimicrobial light technology is proven to reduce the presence of Bacteria, Fungi, Yeast, Mold and Mildew.

After Four Days Under Standard Lights



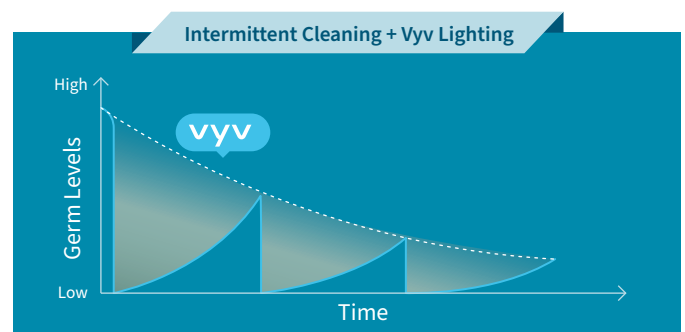
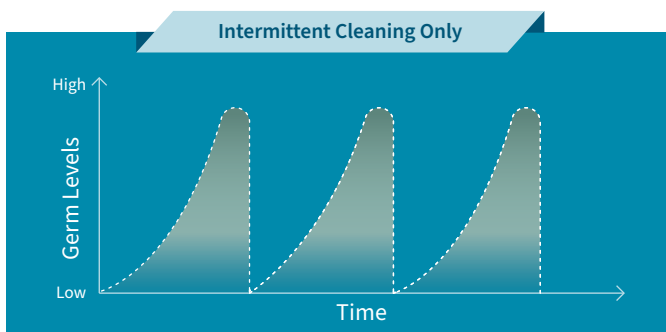
Black Colonies of Bacteria

After Four Days Under Vyv Antimicrobial Lights



No Visible Colonies

- Vyv antimicrobial LED lights are tuned to create an inhospitable environment for microorganisms so they cannot grow.
- Vyv is a new class of high impact antimicrobial light within the visible light spectrum. Unlike harmful UV light, Vyv meets the international standards for continuous and unrestricted use around people.
- From the largest places to the smallest spaces, Vyv reduces microbial buildup inside homes, workplaces, public spaces and in many industries.



Make Vyv non-UV light part of your 21st century antimicrobial defense system. Standard cleaning only protects intermittently. Bacteria rapidly build up in between cleanings. Vyv reduces microbial growth continuously.

Vyv's single-diode light technology is available in two antimicrobial modes:



White Antimicrobial+Light Mode



Violet Enhanced Antimicrobial Mode

*Testing on a non-enveloped virus (MS2 bacteriophage) showed a 97.12% reduction in controlled laboratory testing in 8 hours on hard surfaces. Testing on SARS-CoV-2 (enveloped virus) showed a 96.76% reduction in controlled laboratory testing in 8 hours on hard surfaces. Testing on MRSA and E. coli showed 90%+ reduction in controlled laboratory testing in 24 hours on hard surfaces. Results may vary depending on the amount of light that is reaching the surfaces in the space where the product is installed and the length of time of exposure. Use of Vyv antimicrobial light is not intended to replace manual cleaning and disinfection practices.