

INDIANA UNIVERSITY OF PENNSYLVANIA

Using UV Light Technology to Protect Students, Staff, and Visitors During the COVID-19 Pandemic

PURO UV DISINFECTION LIGHTING PROVIDED PROVEN PROTECTION AND PEACE OF MIND AS STUDENTS RETURNED TO CAMPUS LIFE.

SITUATION

Hidden from the typical academics, sports and social activities, every college campus is the year-round home to a wide variety of viruses, bacteria, mold and fungi. The COVID-19 pandemic challenged colleges and universities beyond expectation, catching most of them unprepared to effectively battle the SARS-CoV-2 virus. The leadership and facilities managers at IUP immediately understood that this challenge must be met with proven technology that would not only get the campus up and running again but would be sustainable and effective against a variety of viruses, bacteria, mold and fungi.

CHALLENGE

Finding a way to bring students and faculty safely back to campus was critical. U.S. colleges and universities stood to lose a collective \$183 billion as a result of the pandemic* resulting in layoffs, operating budget costs, delayed capital projects, as well as the loss of student engagement and connection to campus life.

Through expert consultation in 2020, IUP management knew that there was one-size-fits-all solution to COVID-19. They implemented a number of cleaning and disinfection methods from dry hydrogen peroxide, filtration systems, and harsh chemicals; but taken individually, these methods fell short. Additionally, as many of their buildings were older, they needed to find a disinfection method that would work no matter their age or existing systems.

THE PURO UV DISINFECTION LIGHTING SOLUTION

For IUP, UV disinfection proved to be most advantageous. UV light is proven to be extremely effective at inactivating not only the COVID-19 virus, but many other infectious diseases, mold, fungus and more, up to 99.9%. PURO's in-house engineers and application experts were able to help them choose the right products and created a customized disinfection plan allowing them to accomplish their wide-ranging goals. To ensure all surfaces were getting disinfected thoroughly and consistently throughout the day and night, IUP chose to utilize powerful, broad-spectrum PURO Helo and Sentry UV disinfection products, powered by Violet Defense[®] technology, to quickly disinfect unoccupied spaces. For continuous air disinfection in occupied spaces, PURO Air Aurora and Whisper UV Air Fans were used. PURO Air units were also used for disinfecting older buildings constructed in the 1800s that didn't have the same air exchange as newer buildings on campus.

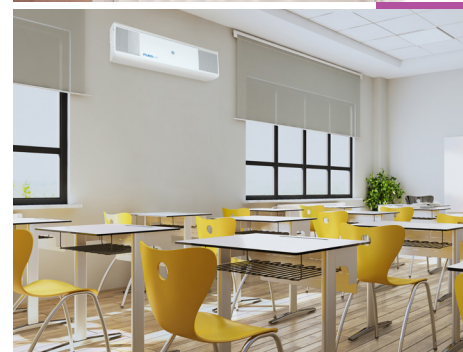
Beyond COVID-19 virus mitigation, management also found PURO UV light products to be a perfect solution to prevent mold and fungus growth that typically plague college campuses.

THE BENEFITS OF PURO UV DISINFECTION SOLUTIONS

- Inactivation of viruses, bacteria, molds, and fungi up to 99.9%
- Scheduled overnight air and surface disinfection with Helo fixtures
- Continuous air disinfection with Aurora and Whisper Air Fans
- UV disinfection is a more sustainable, non-toxic chemical-free solution
- Very low maintenance compared to other disinfection technologies
- Easy to specify and install

The attraction to PURO UV Lighting products was the coverage of it—what we could do with it. PURO UV lighting seems to be the most user-friendly, longer lasting, and covers larger areas of square footage. **”**

—Larry Miller, IUP Facilities Manager



PROTECT

Students, staff, and parents against the dangers of spreading viruses, harmful bacteria, molds, and fungi.

PREVENT

Viruses and other pathogens from spreading further to students, visitors, and staff.

PREPARE

Your campus to successfully battle the daily dangers of contagious diseases.