



Press Release

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ETi Solid State Lighting Unveils Innovative UVC Solutions for Commercial, Residential Markets

SilentAire and CleanAire product lines can be combined to build a complete germicidal defense system safe for occupied spaces.

Key Takeaways

- Germicidal Ultraviolet (GUV) lighting provides highly effective and rapid disinfection for air and surfaces in indoor spaces
- GUV has been scientifically proven to inactivate 99.9% of pathogens in the air and on surfaces including SARS-CoV-2
- UVC wavelength between 200 -280nm has been proven to effectively kill 99.9% of airborne viruses, bacteria, and mold
- Effective air circulation is also a key factor in reducing transmission of airborne pathogens
- ETi's SilentAire provides ambient LED lighting and air circulation with GUV disinfection technology that is 100% safe for people, pets, and occupied spaces
- ETi's CleanAire offers GUV disinfecting solutions for deeper surface & air disinfection
- Combine SilentAire and CleanAire products to build a complete germicidal defense system

Wheeling, IL – ETi Solid State Lighting Inc., an industry-leading manufacturer of LED lighting systems and fixtures, today announced the launch of two new germicidal ultraviolet (GUV) lighting solutions, SilentAire and CleanAire.

“GUV has been scientifically proven to inactivate 99.9% of pathogens in the air and on surfaces, including the SARS-CoV-2 virus,” said Eva Chan, CEO of ETi Solid State Lighting Inc. “Our goal has been to apply UVC disinfection technology in a way that makes it safer for those we care about the most...our families, friends, co-workers, customers, and employees. We wanted to create an effective solution for air disinfection that can be used while people are in the space, learning, dining, speaking, and spending time together.

The world is opening back up again, and we want to help the doors stay open for our customers.”

Featuring the latest in GUV technology for air & surface disinfection, the SilentAire and CleanAire product lines incorporate UVC wavelengths between 200-280nm to break the bonds in the DNA and RNA of viruses and bacteria, making them unable to multiply and thereby inactivating them. As the light directly

affects the DNA/RNA of the organism, it works on drug-resistant strains of viruses and bacteria such as SARS-CoV-2; this technology has been in use for over 100 years and in hospitals since the 1940s.

“These are unique, effective solutions for air & surface disinfection, with unlimited application potential that can play a pivotal role in the global fight against COVID-19. The world is beginning to recover from the pandemic, and we all want to go ‘back to normal.’ But I think we can go *beyond* back to normal – to be better protected, and better prepared, than ever before,” added Chan.

SilentAire’s sealed internal UVC chamber ensures zero direct UVC exposure, allowing the light fixtures to provide ambient lighting, UVC disinfection, and clean air circulation while people are in the room. All SilentAire products are safe for people, pets, and designed for use in occupied spaces.

Throughout the global pandemic of 2020 and beyond, ETi has been working hard to bring safe and comprehensive GUV disinfection solutions to customers across the residential, commercial, and industrial markets.

SilentAire and CleanAire UVC solutions can be used alone or combined as an extra layer of protection in mitigation strategies. Ideal applications include any indoor space, including transportation centers and airports, hospitals and healthcare facilities, schools, gyms, retail and grocery stores, warehouses, restaurants, bars, studios, movie theatres, apartments and residences, and more.

SilentAire UVC Air Disinfection System

The SilentAire product line offers a hybrid lighting & air disinfection solution that combines ambient LED lighting and GUV disinfection technology with an extremely quiet built-in circulation system that is 100% SAFE for people, pets, and occupied spaces while effectively killing 99.9% of bacteria, mold, fungi, and deactivating viruses in the air.

SilentAire LED light fixtures contain a patent-pending circulation system that draws ambient air from a room into a sealed UVC disinfection chamber, preventing direct UVC exposure. The air is treated and disinfected with UVC wavelengths and then is recirculated back into the room as purified air.

CleanAire UVC Surface & Air Disinfection System

The CleanAire product line offers a range of Germicidal UV products for deeper surface and air disinfection. Ranging from UVC devices for schools, shops, and healthcare facilities to purifiers and cleaners meant for the home, CleanAire products are designed to keep your home and work environment safe. CleanAire products keep the air we breathe and the surfaces we touch clean and healthy.

CleanAire offers several portable UVC systems intended for deeper disinfection or as part of a facility’s routine cleaning maintenance by trained personnel.

For further information visit www.etissl.com or contact:

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About ETi Solid State Lighting

ETi Solid State Lighting, Inc. delivers high-performing, high-value LED lighting products to commercial, industrial, and residential consumers across the US and Canada.

As a wholly owned subsidiary of Elec-Tech Solid State Lighting (HK) Ltd and NVC International Holdings Limited, ETi Solid State Lighting offers a broad range of LED lighting fixtures, retrofits, and replacement lamps.

Our manufacturing capabilities, end-user-driven and collaborative product development capability, and global management team have established ETi Solid State Lighting as a leading LED lighting brand as well as one of the largest private label manufacturers of LED lighting products to the North American market.

Our North American corporate headquarters and 190,000 sq. ft. distribution center is located in Wheeling, IL. For media inquiries please contact lianab@etissl.com .

About NVC International

NVC International is among the world's largest lighting manufacturers, with over 6 million square feet of manufacturing space and over 2500 employees. Our operation spans 10 countries with offices across the USA, Europe, Asia, and the Middle East. As a 100% vertically integrated global supplier of LED components, lamps, and luminaires, our products are sold in 18 countries.

Our robust product development organization features four Research & Development centers and over 90 mechanical and electrical engineers. NVC International is proud to be a partner of Samsung and 100% of our innovative, patented products feature high-quality Samsung LEDs. For media inquiries please contact lianab@etissl.com .