



UV TECHNOLOGY

**UV LIGHT DISINFECTION*
TECHNOLOGY PORTFOLIO**



WHAT IS ULTRAVIOLET LIGHT DISINFECTION TECHNOLOGY?

Lighting professionals have an unprecedented opportunity to harness the power of UV to reduce the pathogen¹ load and help make people feel safer.

- Decades of research and history demonstrate that UV has the ability to inactivate pathogens¹ in the air and on non-porous surfaces.
- UV Technology must be applied carefully to balance safety and pathogen¹ reduction.
- There are many technologies and approaches to tailor solutions for meeting client needs.



PARTNER WITH CONFIDENCE

Acuity Brands is committed to being the leading provider of UV Light Disinfection Technology

- Science-based approaches from Acuity Brands, a lighting leader with over 100 years of lighting experience.
- Offering a diverse set of solutions for your unique requirements. Including strategies for occupied and unoccupied spaces, focused on inactivation of pathogens¹ on surfaces or in the air or a combination.
- Occupant safety is our top priority. Our carefully engineered products can meet or exceed safety guidelines.

NEED HELP WITH UV LIGHT DISINFECTION TECHNOLOGY? WE ARE HERE TO:

- Educate you on UV light disinfection technology and how to use properly.
- Work through your needs to match you with the best UV light disinfection technology for your space.
- Help to create layouts and designs to incorporate UV light disinfection technology in your spaces.





	Pulsed Xenon Air & Surface UV Disinfection Technology (PulseX™ with Violet Defense® Technology)	Care222® Air & Surface UV Disinfection Technology (Care222®)	Onboard Air UV Disinfection Technology (EvolAIR UV™ with UV Angel Clean Air Technology)
SPECTRUM	UV-A, UV-B, UV-C and Visible	Filtered 222nm	254nm
OCCUPANCY?	No	Yes	Yes
AIR OR SURFACE?	Surface- Primary Air- Secondary	Surface- Primary Air- Secondary	Air- Primary
AVAILABLE PRODUCTS	PulseX™ with Violet Defense® Technology from Healthcare Lighting®	HDM™ from Healthcare Lighting®, BLT from Lithonia Lighting®, and EVO® with Gotham Lighting®	EvolAIR™ with UV Angel Clean Air™ Technology from Healthcare Lighting®
SUGGESTED APPLICATIONS	Hospitals, acute care clinics, veterinarian hospitals, classrooms, public restrooms, commercial office spaces when rapid, episodic cleaning is desired in a space where people are not present	Offices, conference rooms, meeting spaces, classrooms, public restrooms, restaurants/hospitality, performing arts and sports events, public transit, retail, health clubs, and healthcare setting where the goal is to inactivate pathogens ¹ with people present and as soon as they enter the space	Open office, break rooms, classrooms, waiting rooms and multiple other commercial, institutional and healthcare settings where the goal is to reduce pathogens ¹ in the air as soon as they enter a space



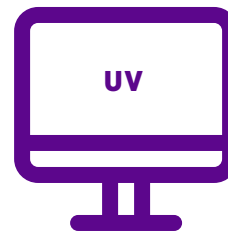
UV LIGHT DISINFECTION TECHNOLOGY RESOURCES



FAQS



PUBLISHED RESEARCH



**UV TECHNOLOGIES
WEBPAGE**

**All references to “disinfection” are referring generally to bioburden reduction and are not intended to refer to any specific definition of the term as may be used for other purposes by the U.S. Food and Drug Administration or the U.S. Environmental Protection Agency. The disinfection technology as incorporated in Acuity Brands products is not intended for use in the cure, mitigation or prevention of disease and is not certified or approved for use as or for the disinfection of medical devices by the FDA. Bioburden reduction is a function of fixture run time, distance to the UV light source, air flow, room size, shadow areas and/or other factors, and the level of reduction will vary within a specific space.*

¹ Refer to product specification sheets at [acuitybrands.com/UV-Products](https://www.acuitybrands.com/UV-Products) for efficacy claims and claim substantiation regarding specific products and pathogens.

Violet Defense is a registered trademark of Violet Defense, LLC.

Care222® is a registered trademark of Ushio America, Inc.

All other trademarks referenced are property of Acuity Brands Lighting, Inc.