



# ACUITY BRANDS UV LIGHT DISINFECTION\* TECHNOLOGY PRODUCT PORTFOLIO



## WHAT IS ULTRAVIOLET LIGHT DISINFECTION TECHNOLOGY?

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

- Decades of research and history demonstrate that UV is effective at inactivating pathogens in the air and on non-porous surfaces.
- UV Technology must be applied carefully to balance safety and pathogen 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 diversity of solutions for your unique requirements. Including strategies for occupied and unoccupied spaces, focused on inactivation of harmful pathogens 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.

## BENEFITS OF WORKING WITH OUR ACUITY BRANDS SPECIALISTS

Acuity Brands UV light disinfection technology specialists are ready to help

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



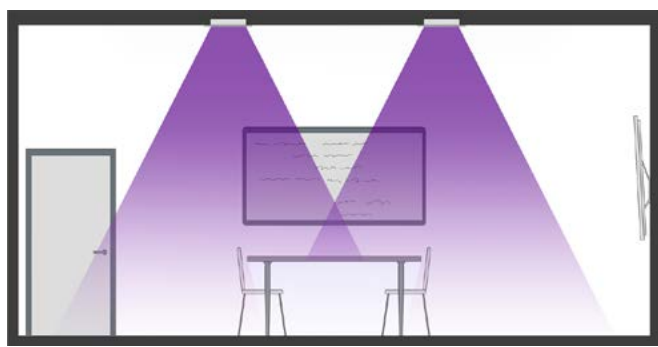
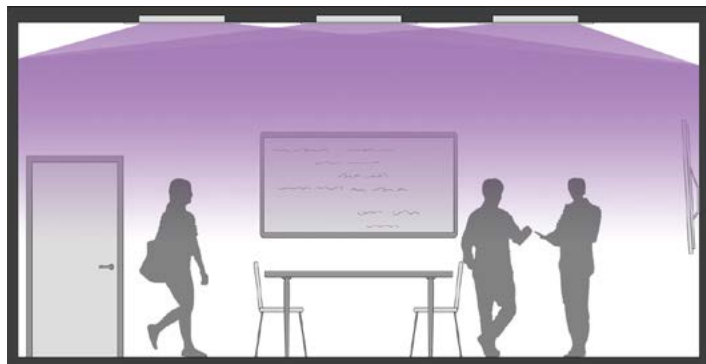
# 3 MODERN TECHNOLOGY APPROACHES OFFERED



## Care222® TECHNOLOGY

### Continual Air & Surface Disinfection Technology

Care222 is a continual air and surface disinfection technology solution designed to neutralize pathogens with people present, while meeting safety guidelines. Utilizing 222nm wavelengths, the UV light can inactivate viruses and bacteria by disrupting the RNA and DNA, preventing reproduction.



## PulseX™ WITH VIOLET DEFENSE® TECHNOLOGY

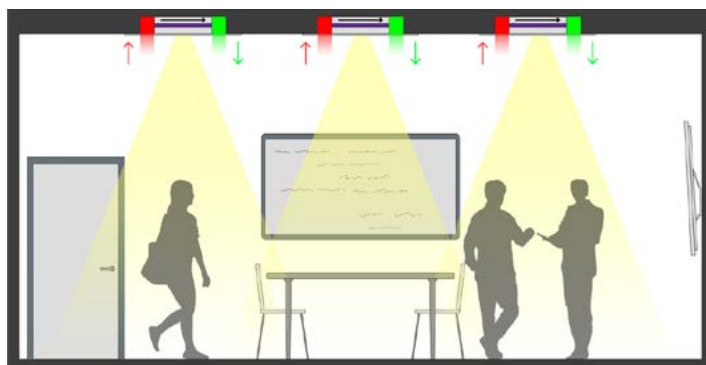
### Intense Air & Surface Disinfection Technology

PulseX is an intense air and surface disinfection technology solution designed for rapid reduction of the pathogenic bioburden while a space is unoccupied. Utilizing a broad spectrum of UVA, UVB and UVC wavelengths, the UV can inactivate viruses and bacteria by disrupting the RNA and DNA, preventing reproduction. Intelligent control devices are required for pulsed xenon disinfection technology. PulseX offers an onboard occupancy sensor to act as a safeguard to prevent occupants from being exposed to harmful UVC wavelengths and prevent any accidental irradiation. Its not recommended to have UV control devices networked to any form of white light controls that are already have in a space.

## EvōAIR UV™ WITH UV ANGEL CLEAN AIR TECHNOLOGY™

### Onboard Air Disinfection Technology

EvōAIR UV is an onboard air disinfection technology with a 254nm concealed UV chamber. Since the air chamber is sealed, there is no UV light emitted into the space. The pathogen-contaminated air is drawn into the fixture, passes through a concealed chamber containing 254nm wavelengths which treats the air automatically and continuously, and then the treated air exits the chamber into the room.



						
<b>Product name</b>	PulseX™ with Violet Defense® Technology	EvōAIR UV™ with UV Angel Clean Air Technology®	HDM with Care222® Technology (Coming Soon)	BLT with Care222® Technology (Coming Soon)	Whisper with Care222® Technology (Coming Soon)	EVO® with Care222® Technology (Coming Soon)
<b>Brand</b>						
<b>Form Factors</b>	Surface Mount	Recessed Luminous or Non-Luminous panel	<p style="text-align: center;"><b>Coming Summer 2021</b></p> <p style="text-align: center;">Visit <a href="http://www.acuitybrands/uvdisinfection">www.acuitybrands/uvdisinfection</a> for up to date information on our products</p>			
<b>Size</b>	1'x1' and 2'x2'	2'x4'				
<b>Technology Utilized</b>	Pulsed Xenon Technology	Onboard Air Disinfection Technology				
<b>UV Spectrum</b>	Broad Spectrum	254nm				
<b>For use with occupants in the space?</b>	No	Yes				
<b>Air or Surface?</b>	Surface – Primary Air – Secondary	Air – Primary				
<b>Single or Dual Unit</b>	Single & dual units available	Single unit				
<b>Suggested Applications</b>	Ideal for spaces with intermittent occupancy, such as classrooms, patient rooms, office break rooms, surgical suites and locker rooms	Ideal for continually occupied spaces in need of supplementary pathogen reduction across surfaces and in the air, such as classrooms, locker rooms, common areas, hallways, conference rooms and offices				





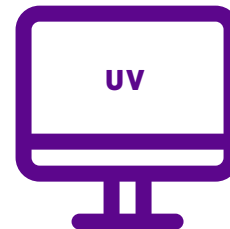
## UV LIGHT DISINFECTION TECHNOLOGY RESOURCES



**FAQS**



**PUBLISHED RESEARCH**



**UV TECHNOLOGIES  
WEBPAGE**

*\*All references to "disinfection" are referring generally to the reduction of pathogenic bioburden 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 for use as or for the disinfection of medical devices. Reduction of the pathogenic bioburden is a function of fixture run time, distance to the UV light source, airflow, room size and/or other factors, and the level of reduction will vary within a specific space.*

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.

**Does not meet California air cleaner regulation requirements; cannot be shipped to California.**