



# Care222<sup>®</sup> Technology

## Why UV Light Disinfection\* Technology?

- + Pathogen Control\*\* – Treat a space to provide pathogen control for air & surface
- + Bring Back People – Give people a sense of comfort that they are in a treated space
- + Proven Research – Decades of history and research show UV has the ability to inactivate pathogens\*\*



Care222<sup>®</sup> module embedded in a pendant form factor

## What is Care222<sup>®</sup> Technology

- + A filtered 222nm far-UVC light disinfection technology
- + Capable of reducing pathogenic bioburden\*\* in a space while people are present
- + Targets the air and surface for pathogen control
- + Delivers a predetermined dose for a few minutes every hour in a space
- + Recommended applications include classrooms, commercial office space, healthcare common areas and more
- + No field commissioning needed



Occupants can be Present



Reduction of Pathogenic Bioburden\*

## Why Can Occupants Be Present?

- + The filtered 222nm emitted from the Care222 module does not penetrate the living tissue in skin or beyond the tear layer in eyes
- + Acuity Brands products with Care222<sup>®</sup> technology follow exposure guidelines for occupied spaces established by the American Conference of Governmental Industrial Hygienists



Continual Treatment

Learn more about UV Light Disinfection Technology at <http://www.acuitybrands.com/uvdisinfection>

\*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.

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

\*\*\* ACGIH<sup>®</sup> 2021 TLVs<sup>®</sup> and BEIs<sup>®</sup> - Based on the Documentation of the Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices. Care222<sup>®</sup> is a registered trademark of Ushio America, Inc. All other trademarks are the property of Acuity Brands.

Any references in copy to research findings or similar claims, always link or refer to the Published Research document on Acuity Brands website so the studies can be referenced.