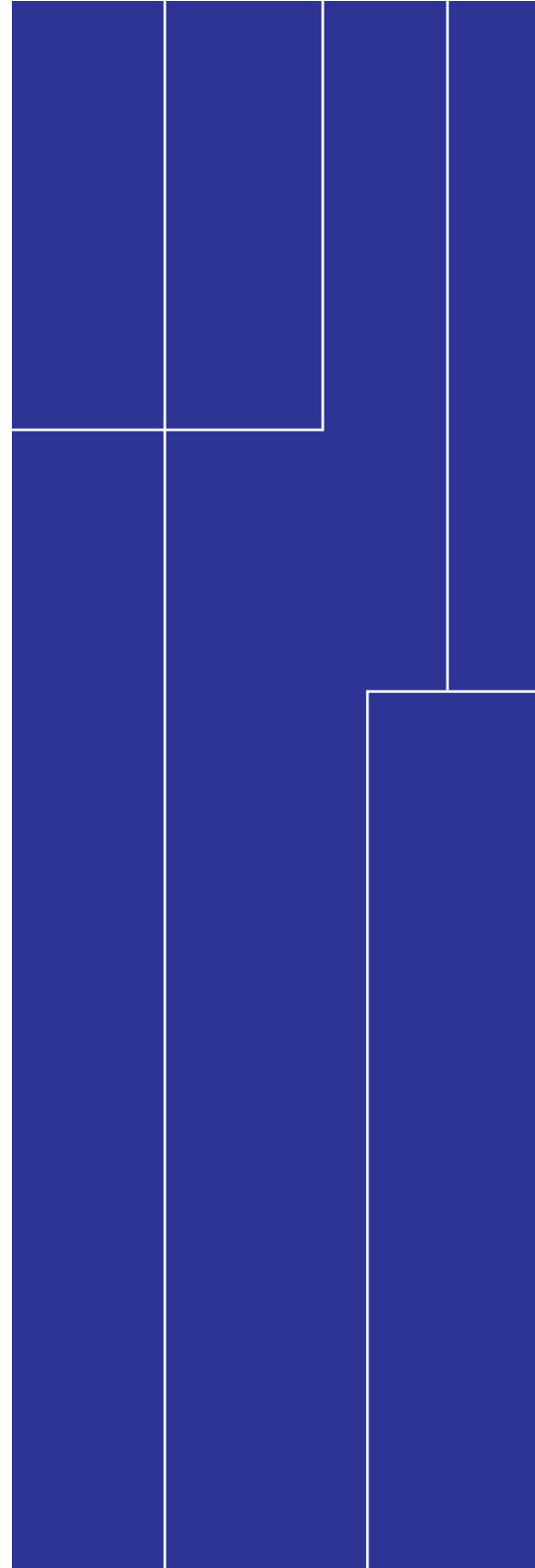


HDM™ with Care222® Technology



The fight against pathogens

Lighting professionals have an unprecedented opportunity to harness the power of UV to reduce pathogenic bioburden*.

Explore our UV light disinfection** technologies.



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

**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 and/or other factors, and the level of reduction will vary within a specific space.



INACTIVATE PATHOGENS*
IN HIGH-TRAFFIC AREAS,
SUCH AS AIRPORT
TERMINALS, WHILE PEOPLE
ARE PRESENT IN THE
SPACE.



INACTIVATE PATHOGENS*
ON NON-POROUS
SURFACES AND IN THE AIR

The power of Care222[®] technology

Far-UVC light, specifically far-UVC light filtered to the 222nm wavelength, inactivates viruses and bacteria* at energy levels that do not penetrate living tissue in skin or beyond the tear layer in eyes, allowing this UV wavelength to be used in occupied spaces. While the wavelength does not have enough range to penetrate deep into the skin and eyes, filtered 222nm far-UVC light has enough range to traverse viruses and bacteria which are much smaller in size than human cells.

Care222 features



Krypton chloride UVC lamp is combined with a short pass filter to remove all but a narrow band of 222nm UV light



Features a fully integrated mercury free arc discharge light source



Proprietary integrated controls modulate pulses of the filtered 222nm far-UVC light for an appropriate dose to operate within the ACGIH® exposure guidelines and UL requirements for use in occupied environments



Module replacement is enabled by a servicable-from-below construction

*Refer to product specification sheets at acuitybrands.com/UV-Products for efficacy claims and claim substantiation regarding specific products and pathogens.

MOUNTING HEIGHTS
RANGE FROM 9 FT. TO 15
FT. FOR ACTIVE PATHOGEN
REDUCTION ACROSS A
VARIETY OF SPACES





CONTINUALLY TREAT SURFACES AND NEUTRALIZE PATHOGENS* FROM A 9-FT. MINIMUM DISTANCE FROM THE FLOOR WHILE PEOPLE ARE PRESENT IN THE SPACE.



*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.

Active pathogen reduction*

Powered by the patented Care222 filtered 222nm technology, HDM actively reduces pathogens on surfaces - even with people in the space.

- › Timing circuit UL recognized for use in spaces with ceiling heights of 9 ft. or greater
- › UL 1598 Listed
- › Projected lamp life of 5 years
- › Requires no external controls or startup commissioning
- › Operates on a continuously powered circuit
- › LED status indicator visible from the room
- › Damp location standard
- › 6 standard powder paint finishes and optional RAL colors
- › Multiple options for new construction and unplanned renovation applications

*Refer to product specification sheets at acuitybrands.com/UV-Products for efficacy claims and claim substantiation regarding specific products and pathogens.

THE PRODUCT

RECESSED

- › 4-inch diameter
- › Round filter shape
- › New construction and remodel configurations



SURFACE

- › 4-inch diameter
- › 6-inch and 9-inch body lengths



PENDANT

- › Cable suspension and single stem mounting options
- › 4-inch diameter
- › 6-inch and 9-inch body lengths









WWW.ACUIITYBRANDS.COM/HEALTHCARE-LIGHTING

**Care222® is a registered trademark of Ushio America, Inc.
All other trademarks are the property of Acuity Brands Lighting, Inc.**

HDM with Care222 Technology does not meet California air cleaner regulation requirements; cannot be shipped to California.