



Holophane[®] HLDM[™] with
Care222[®] Technology

The fight against pathogens

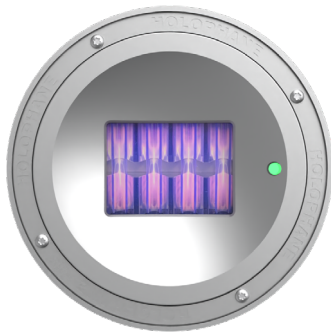
Lighting professionals have an unprecedented opportunity to harness the power of UV to reduce pathogens and help make people feel safer. UV light is effective at inactivating many pathogens. As your trusted design partner, Acuity Brands is expanding its design offerings with a breadth of UV solutions.



The Power of Care222® Technology

Far-UVC light, specifically the 222nm wavelength, inactivates viruses and bacteria in short time periods at energy levels that do not penetrate the 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, 222nm far-UVC light has enough range to traverse viruses and bacteria which are much smaller in size than human cells.

*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. Bioburden reduction is a function of fixture run time and the distance to the UV light source, airflow, room size, shadow areas and/or other factors, and the level of reduction will vary within a specific space. This fixture is not intended for use in the cure, mitigation or prevention of disease and is not certified or approved for use as a medical device by the FDA. It is the obligation of the end-user to consult with appropriately qualified Professional Engineer(s), a Certified Infection Control professional and a Certified Industrial Hygienist, as applicable, to determine whether this fixture meets the applicable requirements for system performance, code compliance, safety (including safety and hazard alerting signs), suitability and effectiveness for use in a particular application design. In no event will Acuity Brands Lighting be responsible for any loss resulting from any use of this fixture in an application design.



Active Pathogen Reduction

Powered by patented Care222 filtered 222nm technology, HLDM fixtures inactivate pathogens on surfaces - even with people in the space.

- UL recognized timing circuit ensures dosing meets exposure guidelines
- UL 1598 listed
- Rated for approximately 5 years of life (3000 activated hours)
- 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 anti-microbial powder paint finishes and optional RAL colors
- For new or existing ceiling construction types



** 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.

Care222 Features

- Krypton chloride UVC lamp uses a short pass filter to allow a narrow band of UV light centered at 222nm
- Features arc discharge light source with a special chamber filled with noble gas, completely mercury-free and without electrodes
- Proprietary integrated controls modulate pulses of the 222nm far-UVC light for an appropriate dose to operate within the ACGIH® exposure guidelines and UL requirements for use in occupied environments
- Serviceable-from-below construction



Mounting Options

- Pendant
- Cable
- Surface



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

*** ACGIH® 2021 TLVs® and BEIs® - Based on the Documentation of the Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices



2-year limited warranty. Complete warranty terms located under Acuity Brands UV Lighting: www.acuitybrands.com/support/customer-support/terms-and-conditions. Full warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx. Product specifications may change without notice. Please contact your sales representative for the latest product information.