

PURO PROTECT 222

Discover the safe and easy way to disinfect high-traffic, high-touch areas continually in occupied spaces



PURO Protect 222

Continual Surface and Air Disinfection in Occupied Spaces

9-12 ft mounting height
Ideal for surface mount or pendant mount applications



PURO Protect 222 High Bay

Continual Surface and Air Disinfection in Occupied Industrial/Commercial Spaces

12-15 ft mounting height
Multiple mounting options, including option to attach to existing light fixtures

PURO Protect 222 Advantages



Safe for Occupied Spaces



Inactivates Pathogens



Filtered 222nm Far UV-C



Tested and Certified



Autonomous Disinfection



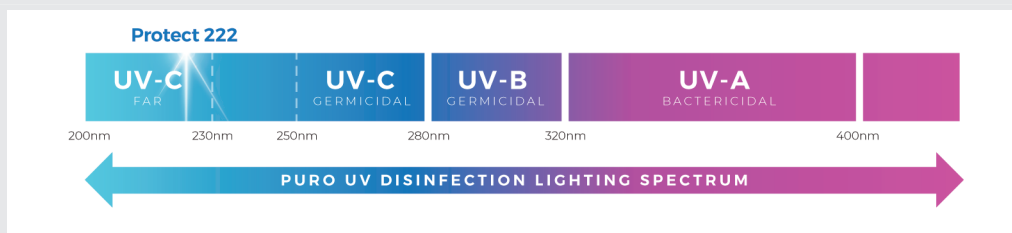
Surface and Air Disinfection

How PURO Protect 222 Works

Powered by patented CARE222[®] Far UV-C technology, PURO Protect 222 utilizes a filtered KrCl Excimer Lamp with narrow band 222nm distribution that eliminates emissions above 230nm. This successfully blocks UV wavelengths that can penetrate the living tissue in skin or beyond the tear

layer of the eyes to create a safe, narrow band of 222 UV light emission.

In fact, **PURO Protect 222 is one of only a few Far UV products to be UL listed, achieving the highest level of safety as approved by Underwriters Laboratories.**



PURO Protect 222

Designed to bring continuous disinfection to:

- Sterile Processing, ICUs, ORs, ERs, pharmacies
- Bathrooms
- Waiting rooms
- Nurses' stations, work areas
- Sinks
- Equipment closets
- Procedure rooms
- Wherever pathogens and bacteria linger in high-traffic areas



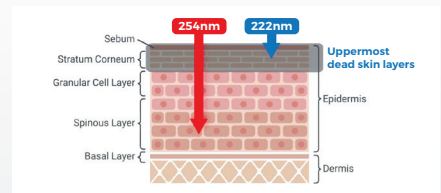
Filtered 222nm Far UV-C is Proven Safe for Skin and Eyes

The International Electrotechnical Commission (IEC) and Underwriters Laboratories (UL) have published guidelines detailing the level of UV exposure a person can be exposed to without adverse health effects.

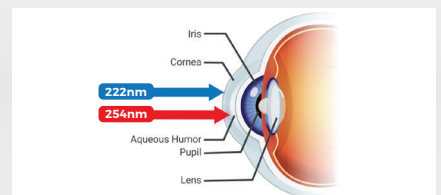
The level of exposure in the guidelines are quantified as Threshold Limit Values, or TLVs and strict adherence to these guidelines are required for UL approval.

Published Clinical Trial Study Results:

- No erythema after (2) doses of 500mJ/cm² of filtered 222nm (20 times current IEC guidelines)
- The CPD amount produced in the irradiated region, although slightly higher than that of the non-irradiated region, was remarkably low and concluded by researchers to be a safe amount.
- No adverse events observed upon examination of the irradiated regions at least three months after the irradiation
- Subjects ages 20-80 years



Human Skin Studies show that 222nm does not penetrate beyond the Stratum Corneum — living skin cells are unharmed



Human Eye Studies show that 222nm does not penetrate through the cornea — the eye is naturally protected

The Future of Disinfection in Occupied Spaces

- Easy to spec, easy to install, easy to afford
- Maintenance free
- Industry-leading 2-year warranty and lifetime of 5 years
- Tested and certified by Underwriters Laboratories
- Disinfection continues long after maintenance staff is gone
- LED status indicator visible from room
- Requires no external controls or startup commissioning
- Effective against a wide range of bacterial, viral and fungal pathogens
- Proven effective against SARS-CoV-2, the virus that causes COVID-19

Additional Specifications

Multiple mounting options, including option to attach to existing light fixtures

Uses filtered 222nm UV-C disinfection technology for rapid, quick pathogen reduction of both surfaces and air in occupied spaces

Continual operation of Care222[®] technology meets exposure guidelines for occupied space established by the International Electrotechnical Commission (IEC)

Features a 2-year limited warranty covering all components and construction

UL/cUL Certified to meet U.S. and Canadian standards for germicidal equipment for use in occupied spaces