



SURFACE DISINFECTION

VOLTA

222 nm Far-UVC Disinfection Filter

Incorporated with a LCD control board and a motion sensor, the Volta Disinfection Filter is designed to work superbly with 222 nm Far-UVC Excimer lamps. To ensure the highest level of safety and quality, the product goes through multiple tests including Microbiological Effectiveness Test and BACL (222m, wavelength test). Volta is mercury-free and is compatible for varying temperatures, making it a valuable asset to use in and guard any occupied and unoccupied space.

PRODUCT FEATURES

- Effective in killing viruses, molds, bacteria, and spores
- Does not cause irritation to eyes or skin
- Mercury-free with minimal ozone emission
- Has 222 nm peak wavelength
- Integrated PIR sensor that allows automated operations
- Incorporates LCD control board with remote control
- Compatible for wide operating temperature
- Has an instantaneous on/off function

APPLICATION AREAS

Schools, Hospitals, Restaurants, Office Buildings, Retail Spaces, Hotels, Lobbies, Public Toilets, Buses, Airplanes, Other Vehicles, Public Transportation Hubs, Commercial Locations, Industrial Parks

PRODUCT SPECIFICATIONS

Power	Dimensions	Effective UV Intensity (With Filter)
5 W	Φ 8.26 x 2.30 in	19354.8 μW/in ²
20 W	Φ 9.64 x 2.85 in	19354.8 μW/in ²
UV Wavelength		Far-UVC 222 nm
Voltage		AC 100 V-240 V
Frequency		50/60 Hz

Operating Temperature	14 °F to 122 °F
Expected Lifespan	3000+ Hours
Safety Requirement	Mercury-Free
Storage Environment	Dry and Ventilated Environment
Beam Angle	60°
Optional Function	Motion Sensor And Timer Module
Material	Quartz Glass , ABS, Aluminum Alloy