

SURFACE DISINFECTION

COMPACTA

222 nm Far-UVC Disinfection Lamp



Compacta is a smartly designed disinfection lamp used to prevent the attack of harmful microbes. The 222 nm Far-UVC light output of the lamps used in Compacta kills the deadly bacteria, viruses, molds, and other disease-causing pathogens present on surfaces and in the air. Since 222 nm Far-UVC rays do not have a negative impact on human skin and eyes, it is safe to use Compacta in both occupied and unoccupied spaces. What's more, the product is mercury-free, has high UV output, and low heat output.

PRODUCT FEATURES

- Effective in killing viruses, bacteria, molds, and other harmful microbes
- Does not cause irritation to eyes or skin
- Mercury-free with minimal ozone emission
- Renders high UV output and low heat output
- Has a 222 nm peak wavelength
- Integrated PIR sensor that allows automated operations
- Incorporates LCD control board with remote control
- Incorporates safe filter technology
- Compatible for wide operating temperature

PRODUCT SPECIFICATIONS

Power	Dimensions	Effective UV Intensity (With Filter)
5 W	11.49 x 4.60 x 1.29 in	19354.8 $\mu\text{W} / \text{in}^2$
15 W	12.08 x 4.60 x 1.88 in	12903.2 $\mu\text{W} / \text{in}^2$
20 W	13.58 x 4.60 x 1.49 in	19354.8 $\mu\text{W} / \text{in}^2$
UV Wavelength		Far-UVC 222 nm
Peak Wavelength		222 nm
Input Voltage		DC 24 V
Voltage		AC 100 V-240 V (AC adapt)
Frequency		50/60 Hz

APPLICATION AREAS

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

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, Sandblasting Oxidation (Silver), Aluminum Alloy