



PRODUCT BROCHURE

Ultraviolet (UV-C) Disinfection Lighting Systems

Using state-of-the-art ultraviolet sterilisation technology,
99.99% of bacteria and germs are eliminated in the process



About Us

We specialise in a wide range of commercial use ultraviolet (UV-C) sterilisers and ultraviolet (UV-C) disinfection lighting systems

We are dedicated in bringing high-quality, value-added products to the region to improve hygiene, safety and convenience in daily lives



**Committed to keeping
children, adults
and the elderly
safe and healthy in the
community, schools,
public spaces and
high-traffic areas**



Far Ultraviolet (UV-C) 222 Disinfection

Ultraviolet light has a spectral range of 100 to 400 nanometers (nm), with germicidal wavelengths in the 100-280 nm range

Single-wavelength far UV-C light at 222nm generated by filtered excimer lamps is able to inactivate airborne viruses without inducing biological damage in exposed human cells and tissue

Filtered far UV-C technology can be **used even when in the presence of people**, allowing **continuous, safe and effective disinfection** of both air and environmental surfaces

Main Benefits of Far Ultraviolet (UV-C) 222 Disinfection Light



99.99% bacteria and germs effectively eliminated



Overall Cost savings - Low operating and maintenance costs



Continuous air and surface sterilisation in presence of people



Variety of installation methods - Suitable for different places



100% Safe, Ozone free and Chemical free - Safe for children and adults



Safe and reliable to use - Far UV-C 222 can be used safely in the presence of humans



Corrosion-resistant, lightweight aluminum material



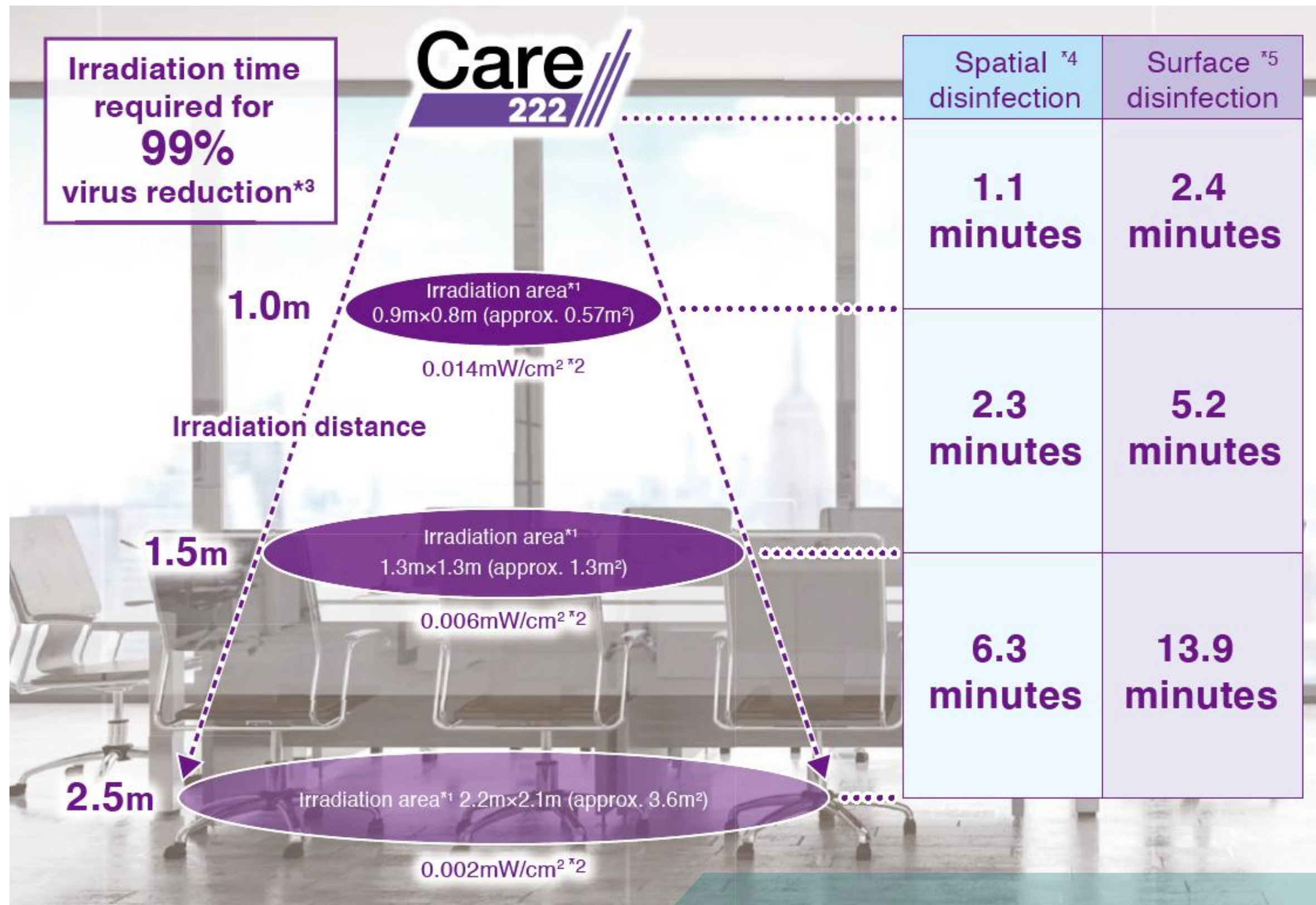
100% Mercury free - Extra Safe



User-friendly - Convenient and easy to operate and maintain

Far Ultraviolet (UV-C) 222 Disinfection - Irradiation Area

- Area exposed to light where virus reduction and disinfection takes place

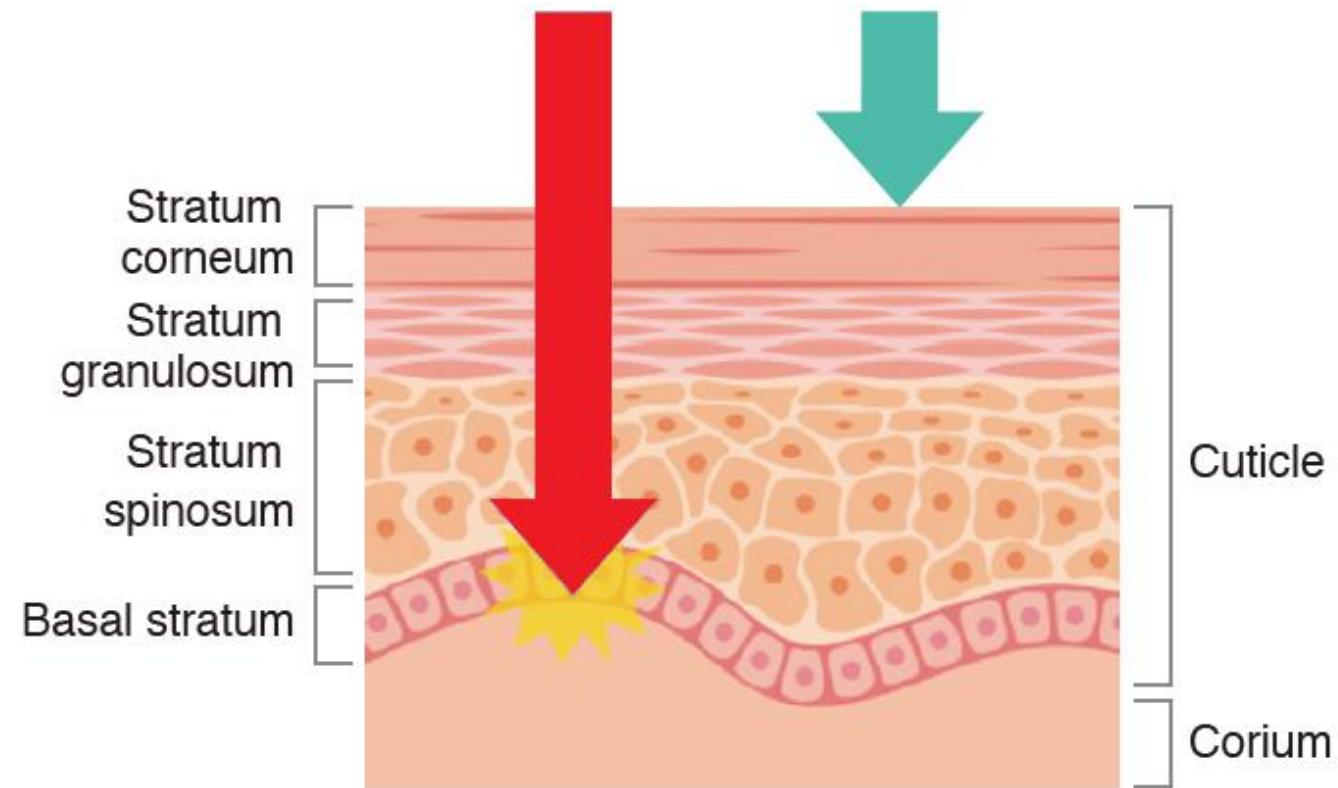



Far Ultraviolet (UV-C) 222 Disinfection - Effects

Effects of Far Ultraviolet (UV-C) 222 Light

- Effect on Skin:

Does not produce erythema
(ie. skin rash / lesions)

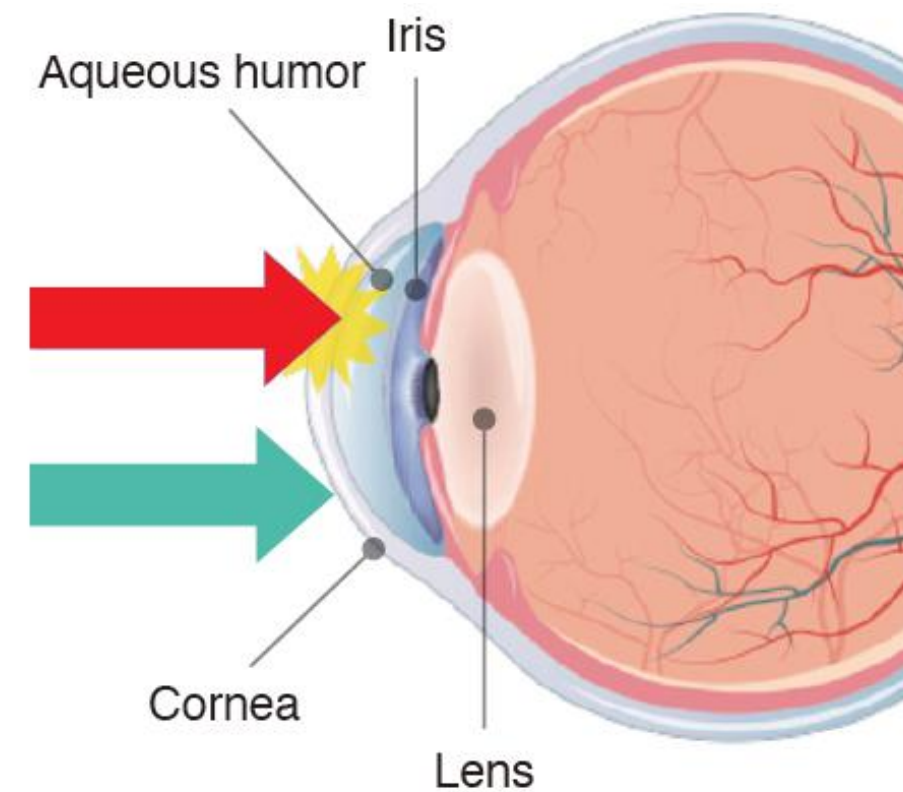


 Conventional 254nm Ultraviolet light

 Far Ultraviolet 222nm light

- Effect on Eyes:

Does not produce keratitis
(ie. inflammation or irritation of cornea)



Application uses for UV-C Disinfection - Far UV-C 222 Series



Public Transport



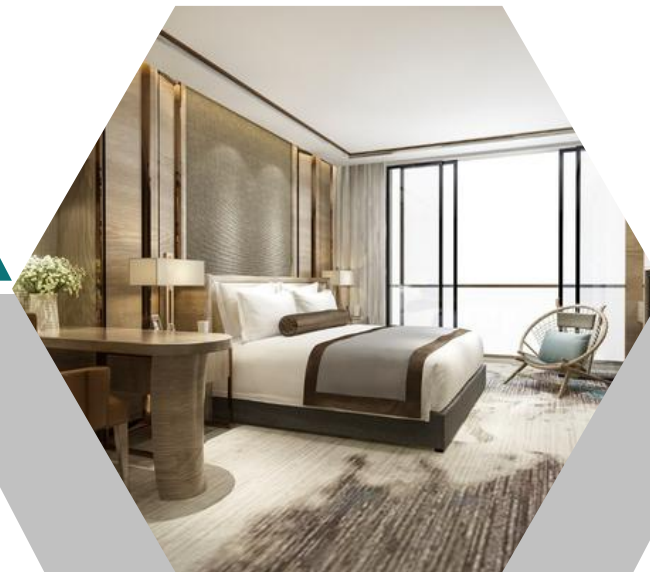
**Offices /
Meeting Rooms**



Hospitals



**Preschools /
Kindergartens**



Hotels



**Fitness Gyms /
Sports Centers**



Waiting Areas



Far UV-C 222 Disinfection

Far UV-C 222

- UV222-A
- UV222-B
- UV222-Circular
- UV222-Long

Ultraviolet (UV-C) Disinfection - Far UV-C 222 Series

Product Specifications



Model Name	UV222-A	UV222-B	UV222-Circular	UV222-Long
Voltage	AC 100-120V or 200-240V, 50/60Hz	AC 100-120V or 200-240V, 50/60Hz	AC 100-120V or 200-240V, 50/60Hz	AC 100-120V or 200-240V, 50/60Hz
Wattage	15W	13W	25W	45W
Air Circulation System	X	X	X	X
Optimal Temperature Range	5°C ~ 40°C	5°C ~ 40°C	5°C ~ 40°C	5°C ~ 40°C
Dimensions (L x W x H) – cm	10.0 x 10.8 x 15.5	10.0 x 10.8 x 15.5	17.0 x 15.7	59.5 x 59.5 x 10.0
Lifetime Hours	~10,000 Hours	~10,000 Hours	~10,000 Hours	~10,000 Hours
Area Reach	15 – 25 m ² (Irradiation Angle: 64°)	25 – 35 m ² (Irradiation Angle: 108°)	10 – 20 m ² (Irradiation Angle: 64°)	15 – 25 m ² (Irradiation Angle: 64°)



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