

VX-One S

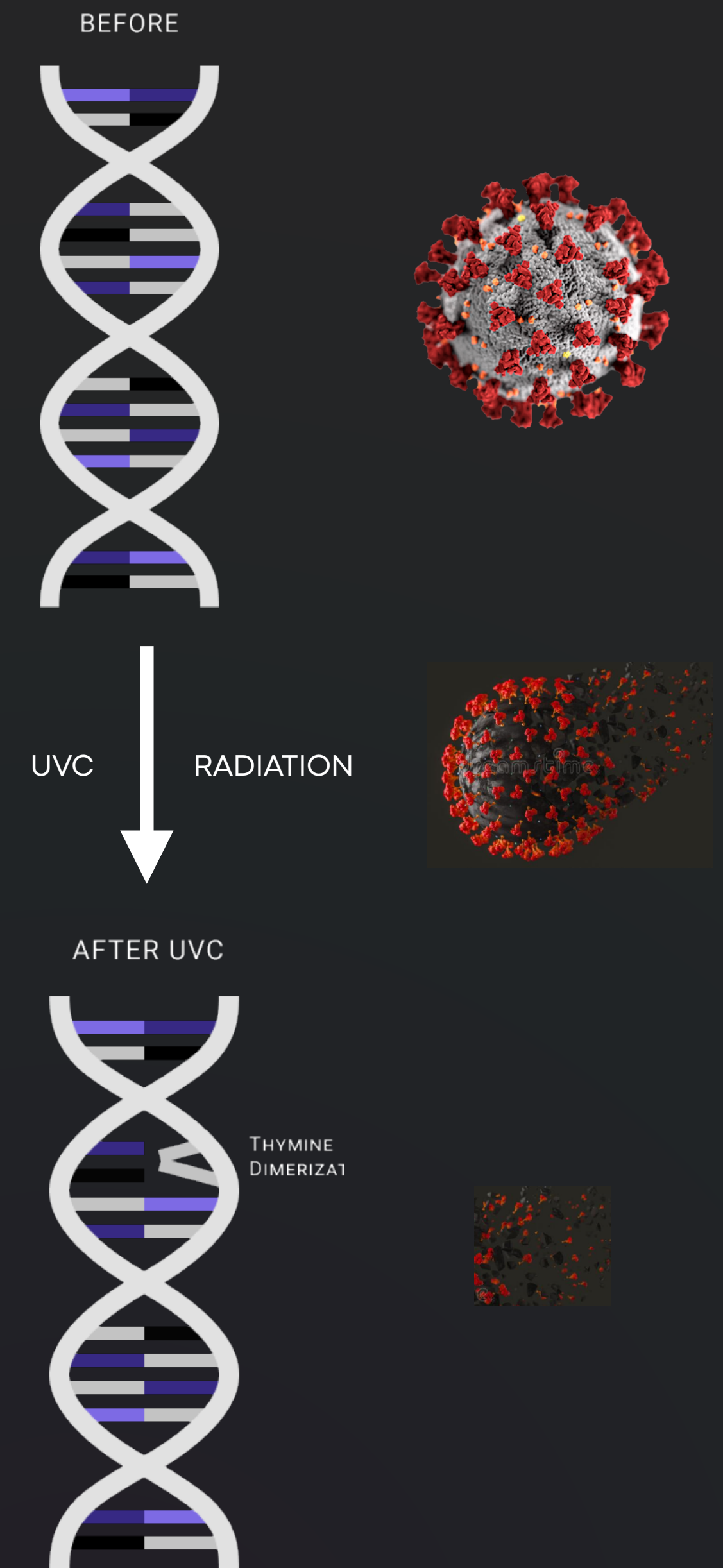
Smart and Powerful, a unique UV-C mobile disinfection solution.

UVC

How does it work ?

Ultraviolet (UV) light is a form of light, invisible to the human eye, that exists on the electromagnetic spectrum between X-rays and visible light. UV is generally divided into three sub-bands: UVA (315–400 nm), UVB (280–315 nm) and UVC (180–280 nm). UV Photons utilize short-wavelength ultraviolet (UV-C) light.

UV light mutates and or breaks down DNA at a wavelength of 253.7nm. UV will break the molecular bonds within micro-organismal DNA, producing thymine dimers in their DNA, thereby destroying them, rendering them harmless or prohibiting growth and reproduction. When the DNA is damaged, the organism cannot reproduce or cause infections.

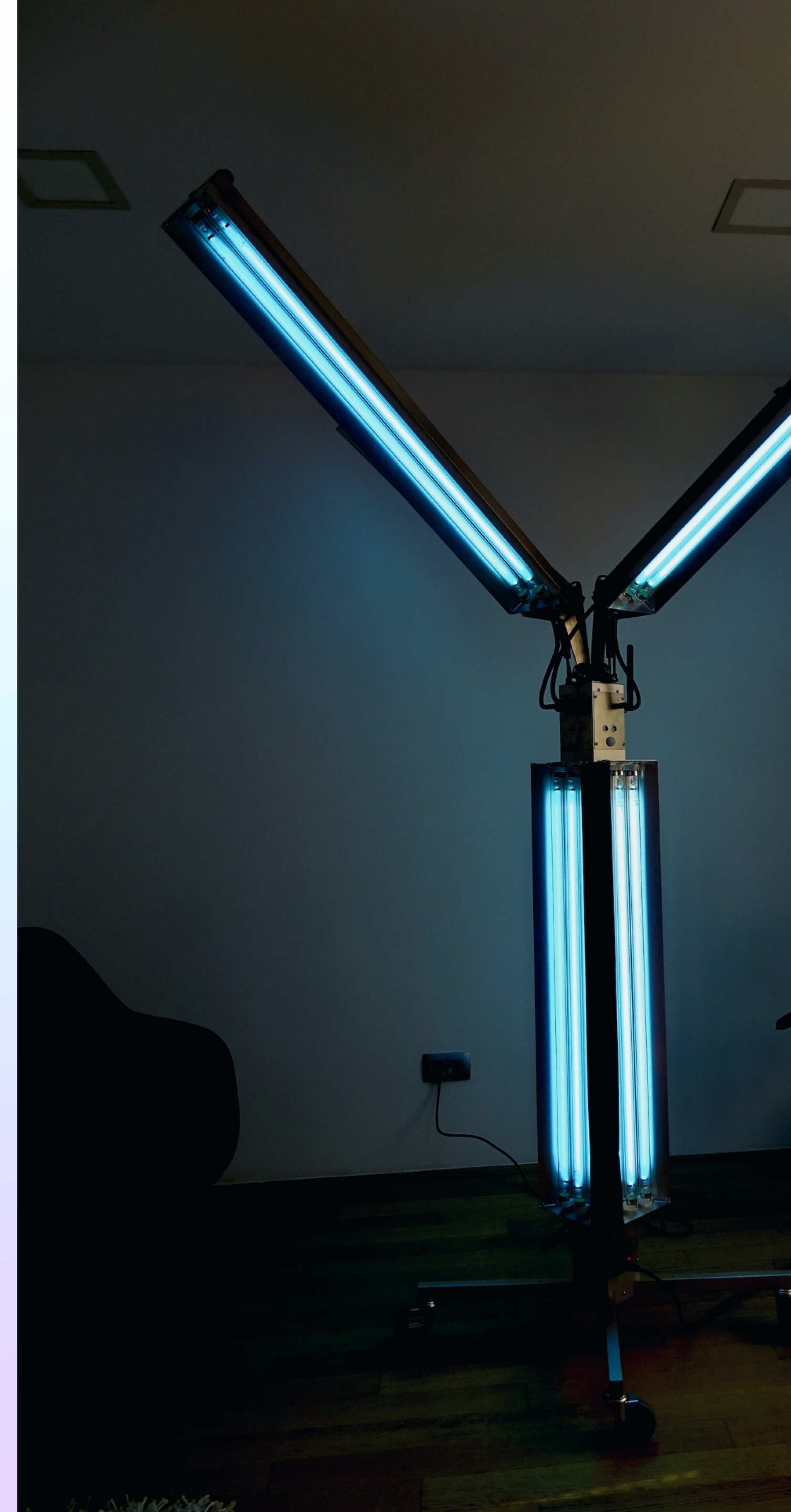


UVC

Pros and cons

UVC radiation is extremely effective when used correctly. However, it does have a few limitations. First, it can only disinfect objects in the path of the light. Second, UVC is harmful for humans as well. Finally, UVC is so good at killing microorganisms that it cannot be used on biomedical products like vaccines, though it can be used on medical equipment that does not contain any organic material.

The VX-One S is designed to optimal radiate beyond any object shadows. It composed a number of high intensity lamps to radiate every spot in the room.



VX ONE S

The only UVC solution you need.

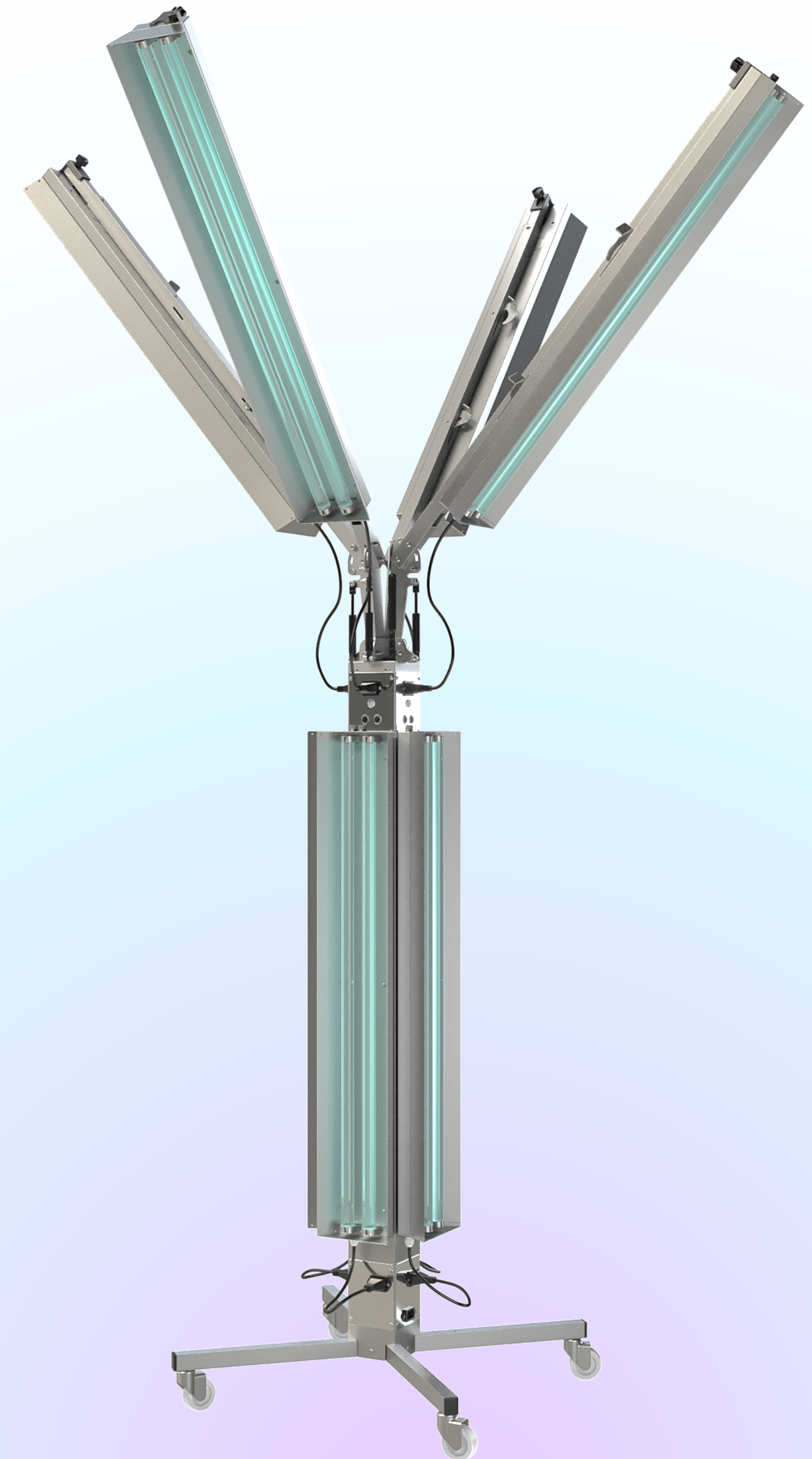
Smart. Automatically measures your room and adjusted the disinfection cycle.

Power-full. Up to 880W UVC radiation disinfects a room of 120m² in 10 to 15 minutes.

Simple. Controlled using a 7"inch touch tablet providing a next gen. user experience.

Safe. Advanced Infrared sensors detect 92 unique points of movement and instantly turn off radiation.

Connected. Ready to connect to the UVCcloud. To manage, review and report all UVC disinfection cycles.



Designed to Last.

Manufactured in EU using precision tooling and premium materials.

Durable. Enclosed unit protects unit vital parts when moving and storing.

Extendable. Extends from 1.6 to 2.6 meters length using hydraulics to reach surfaces beyond shadows.

Configurable. From one to eight X or C series UV Photons lamps.

Maneuverable. Premium rubber wheels and compact 360 design for maneuverability though slim doors.

Light. Manufactured using premium aluminum and advanced finishing.

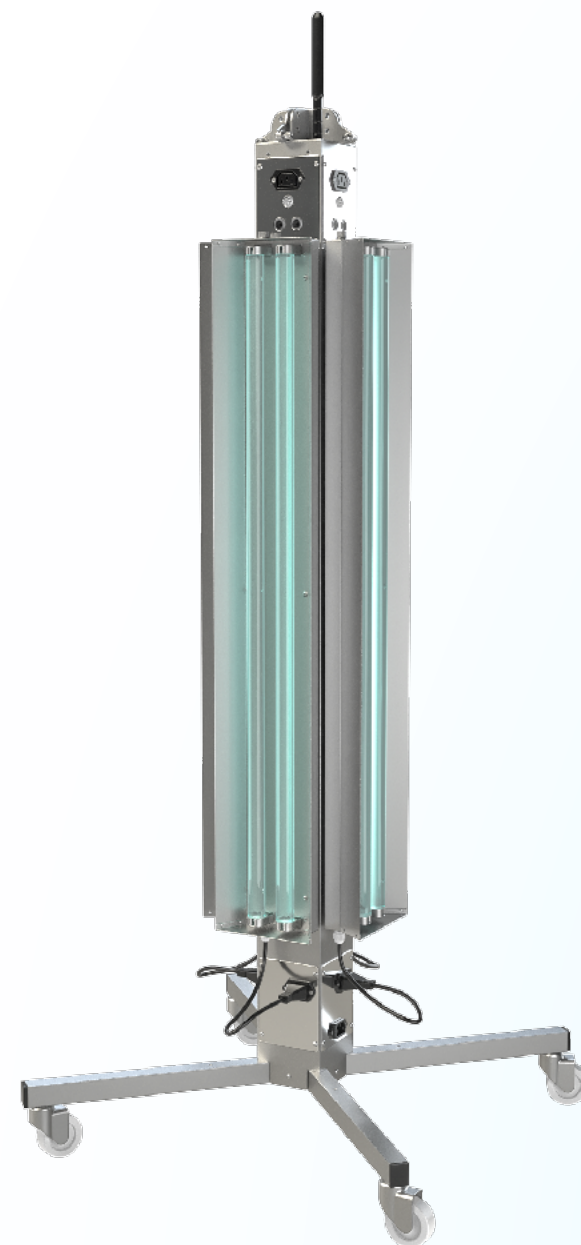


Configurable

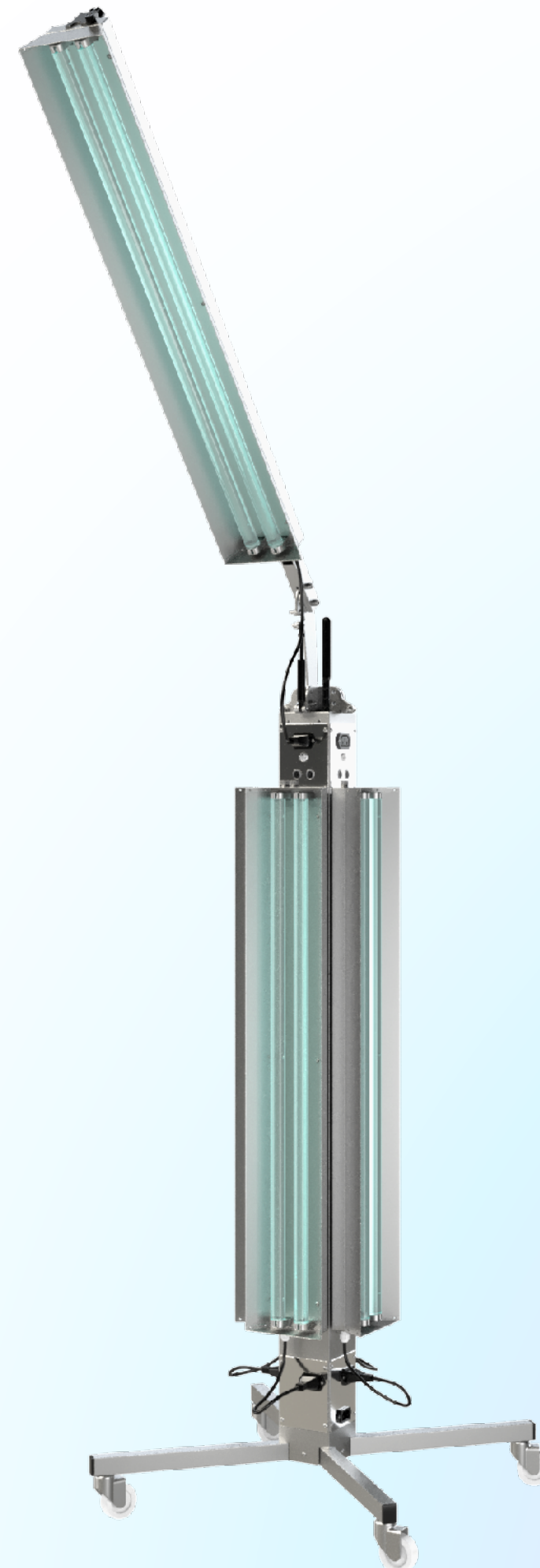
From one to eight X or C series
lamp configuration.



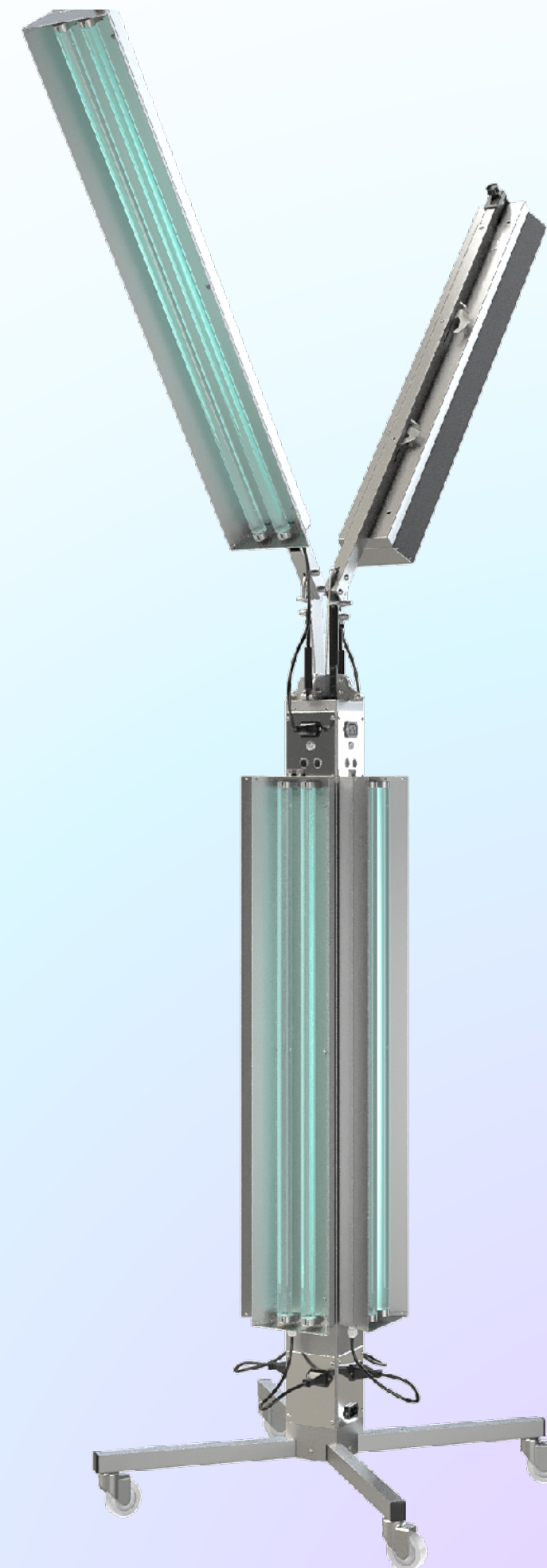
110W



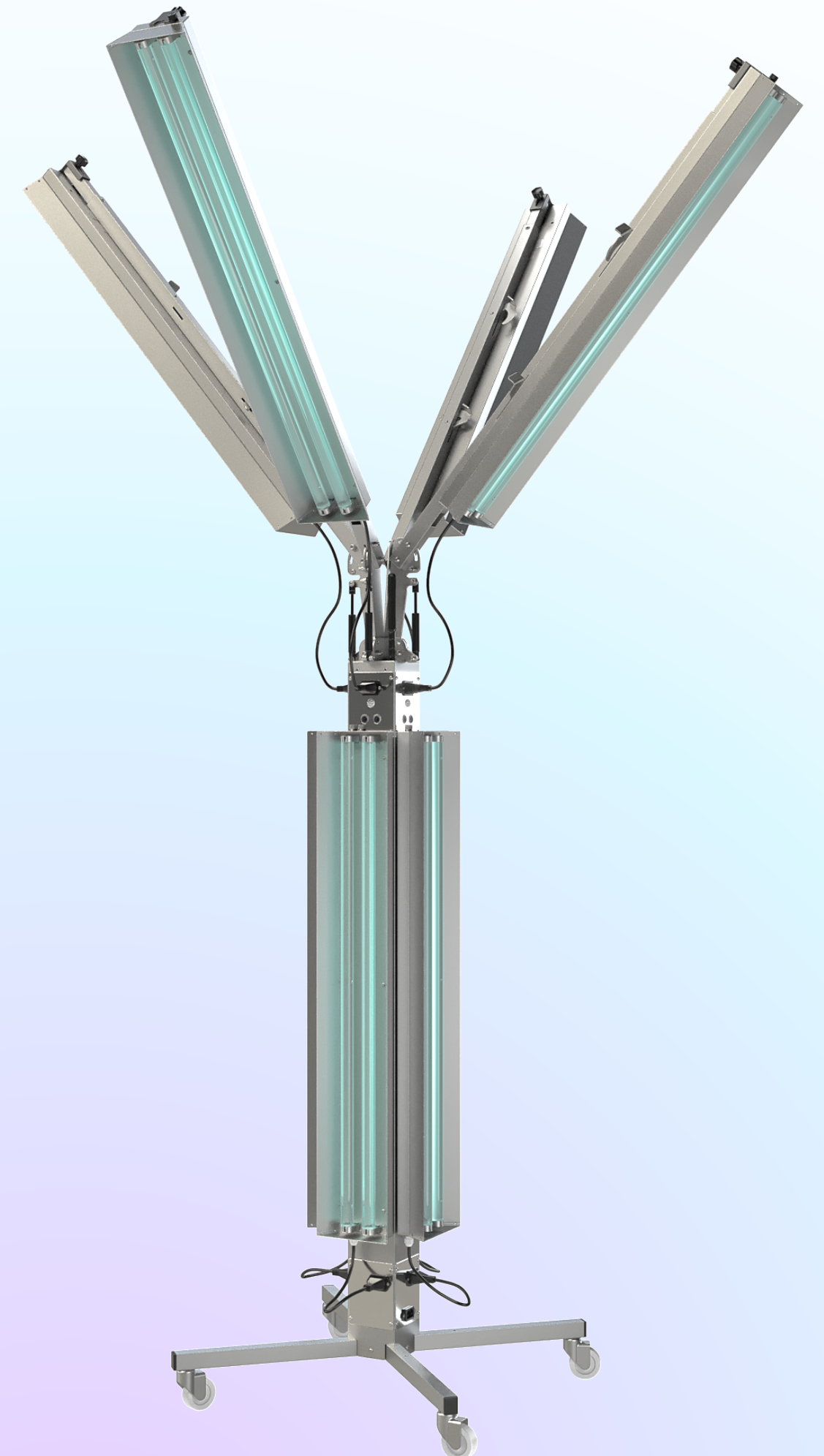
440W



550W



660W



880W

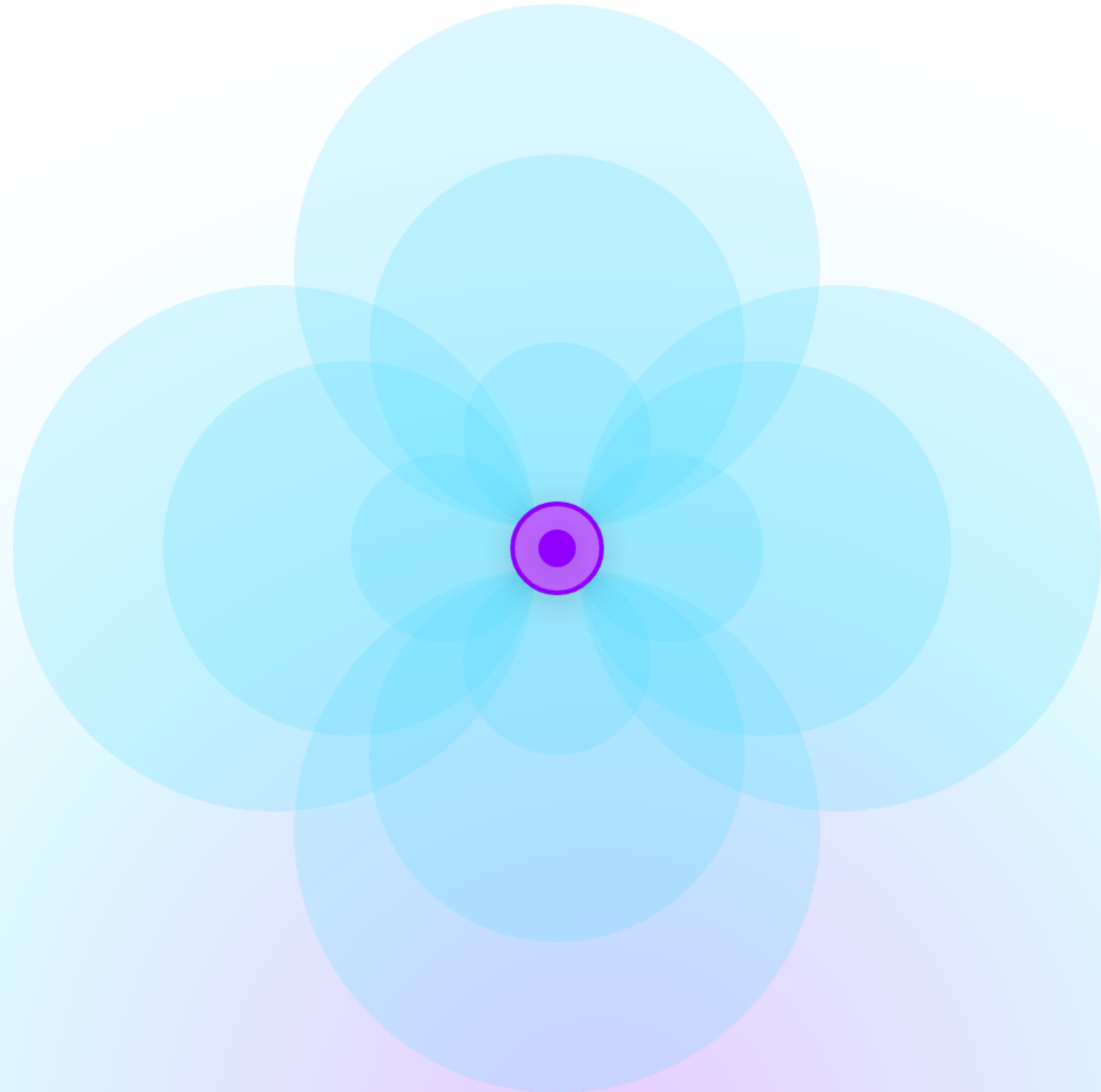


Powerfull

UVC radiation beyond shadows.

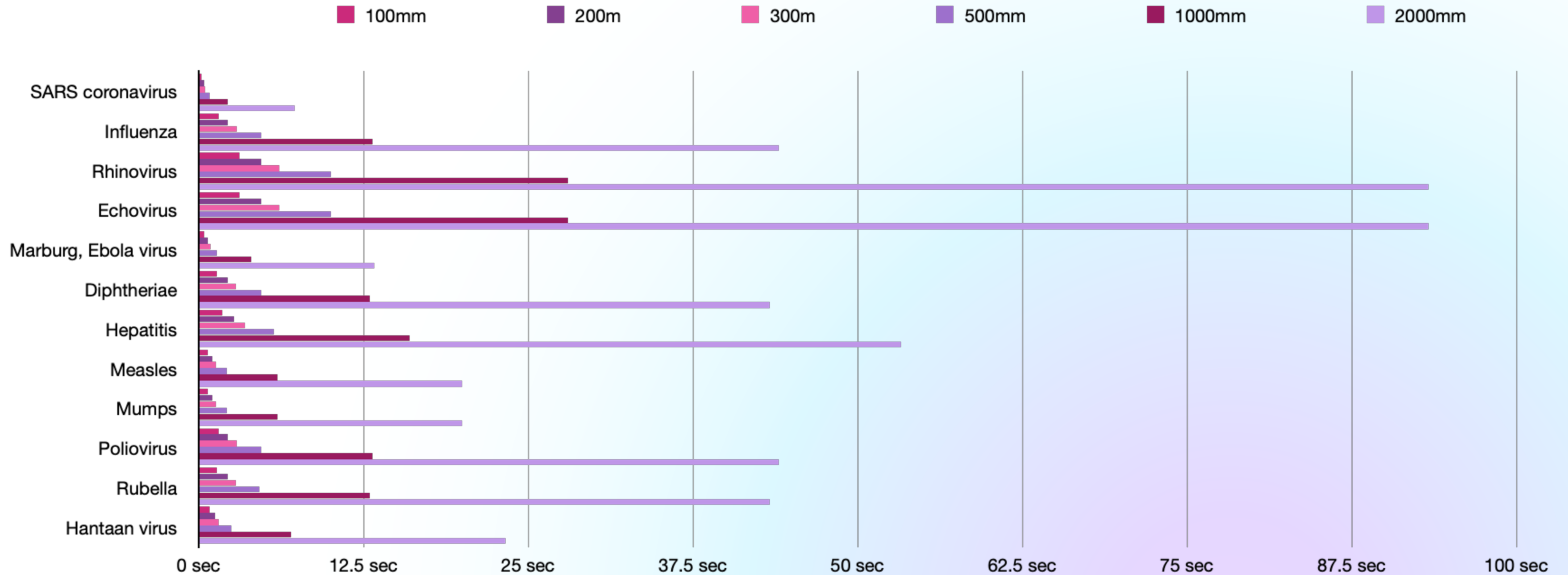
Wide disinfection zone. 120m²
sterilization in 10 to 15 minutes.
30m² radiation zone per each VX
ONE S side

Shadow free radiation. Hydraulic
angle adjusted wings enable
shadow free surface radiation.
Optimal for tables, beds and other
equipment.



Radiation exposure

Per virus in distance and seconds



Graph is based on the UV Photons C110 lamp. The VX-One S can connect from 1 to 8 C110 lamps.



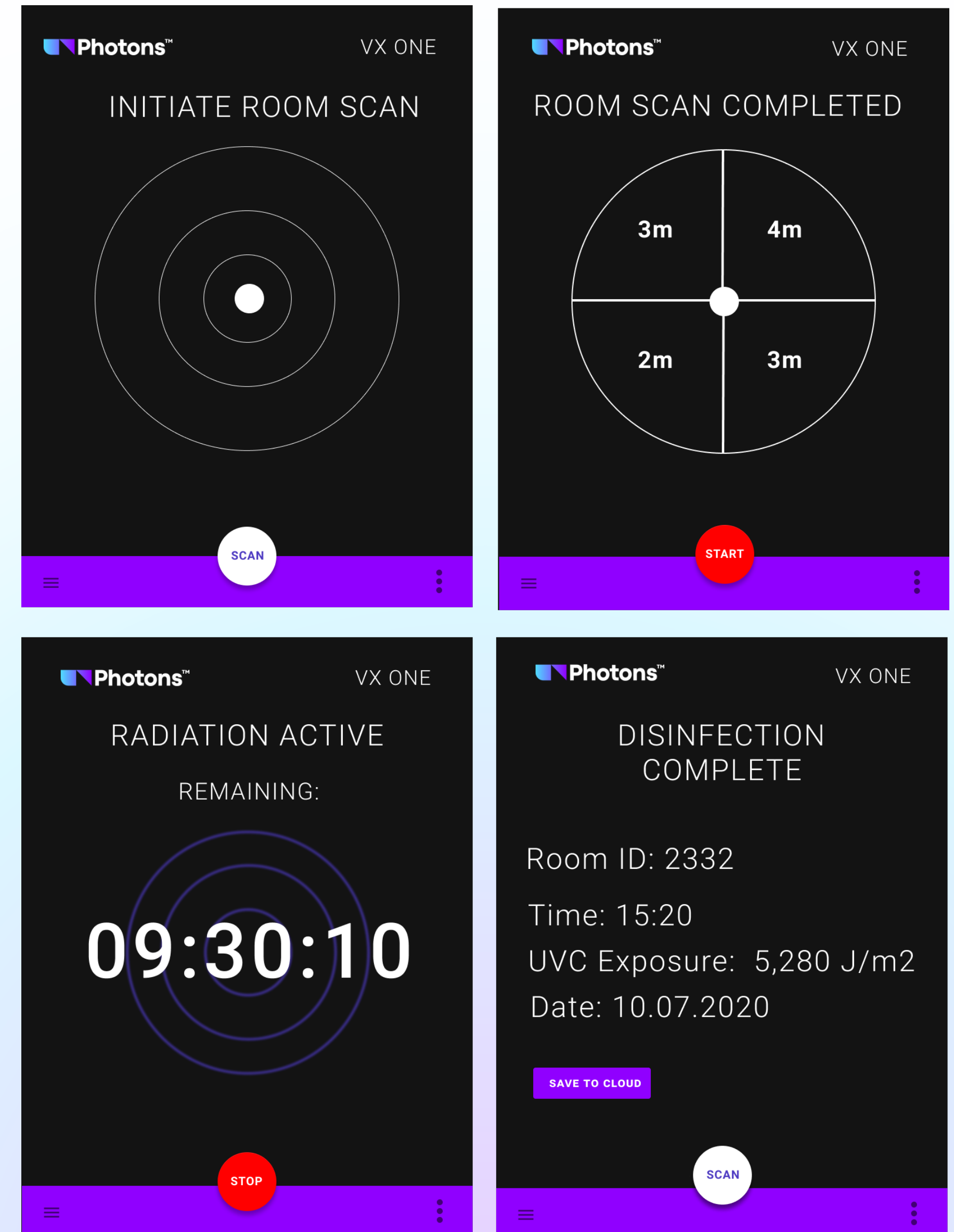
Smart

User Experience on a 7" tablet

Connected. Using a long range Bluetooth connection for optimal connectivity.

Simple. Automatic, time defined or manual radiation options.

Informative. Save each radiation cycle including operator, room, time and UVC exposure information.



Specifications

- AUTOMATIC ROOM MEASUREMENT
- AUTOMATIC UVC DISINFECTION CYCLE
- FAILSAFE MOTION DETECTION SENSORS
- BEEP SOUND EFFECT ANNOUNCEMENT
- DISINFECTION CYCLE RECORDS
- LIGHT ALUMINUM BODY
- 360° ROTATION
- CUSTOMIZE LAMP POWER OUTPUT
- COMPATIBLE WITH ALL UV PHOTONS LAMPS
- PLUG AND PLAY LAMP CONNECTORS
- 7" SMART TABLET CONTROLS
- FROM 1.6M TO 2.4 HEIGHT
- 0.4M WIDTH
- 18KG
- Warranty
 - 3 years on the VX-One S base
 - 1 year on tablet
 - 9000h on UV-C lamps
- Certifications
 - EN 303 446-1 (55015),
 - EN 60598-1:2015+A1,
 - EN 60598-2-:2018,
 - EN 62471:2008.



With over 25 years of experience, UV Photons manufactures and develops premium handheld and mountable disinfection lamps, smart mobile robots, and precision UV measuring equipment.

Thank you

[UVPhotons.com](https://uvphotons.com)