

# SMART UNITED

UV-C solutions for healthy living

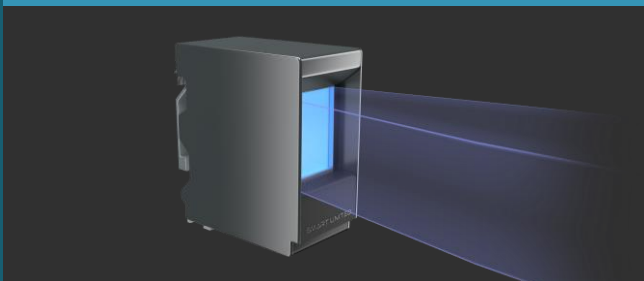
„We care about tomorrow. We are united to launch high tech innovations that protect human kind from infections and diseases.“

We present a new generation of UV-C LED systems emitting strong collimated UV-C beams.

Our innovative disinfection solutions provide the most effective virus elimination, in the areas of



## UV Smart Light Engine



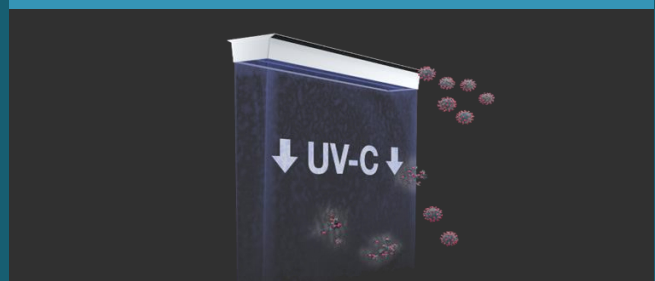
## UV Smart Ceiling System



## Smart Surface Disinfection



## UV Smart Wall System



Co-invented and scientifically tested by   

Unique and patented technology – Made in Germany

GET IN TOUCH !

 [www.smartunited.com](http://www.smartunited.com)

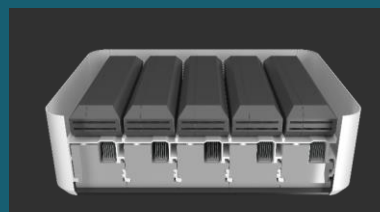
 [info@smartunited.com](mailto:info@smartunited.com)

# SMART UNITED

UV-C solutions for healthy living

## The future of UV-C Surface Disinfection

New LED generation inactivating viruses, bacteria, spores and molds



Surface disinfection is indispensable for maintaining hygienic standards in numerous areas of the manufacturing industry, e.g. food production, research laboratories, hospitals, medical sector and many other areas of application.

The use of UV-C technology for effective control of viruses, bacteria and molds has been proven. Germs will be inactivated and can no longer multiply. Surface disinfection with UV-C is efficient and environmentally friendly, no chemicals are used or released into the environment.

Our UV-C technology is based on LED with a wavelength of 270-280 nm, which is strongly effective and provides the best disinfection results. With the patented optic, our light engine generates parallel UV-C radiation that ensures effective disinfection performance even at greater distances.

Production processes can run more efficiently by fast UV-C disinfection. Also in the food industry, for example, best-before-end dates can be significantly extended without chemical additives.

Our UV Smart Surface Disinfection Unit has a modular design and can be easily adapted to customer-specific applications.

UV-C Technology:	UV-C LED (3W) with a wavelength of 270- 280 nm
Optical Power:	9 mW/cm <sup>2</sup> on 5x5 cm area in 75 cm distance (one LED)
Max. Efficiency:	Log-reduction 4, correspond to 99,99% inactivated germs
Configuration:	Cascadable optical system according to application