



LEDVANCE UV-C AIR PURIFIER KILLS VIRUSES AND BACTERIA

**Destroys
99.9 % of
coronavirus***

 LEDVANCE

violeds

* COVID-19 (coronavirus SARS-CoV-2)

SPOTLIGHT ON THE DISINFECTING EFFECT OF UV-C

UV-C light destroys the DNA structure of a wide variety of viruses, bacteria and other pathogens within seconds and is therefore suitable for disinfecting water, air and surfaces. Until recently, only a few industries were using the purifying effect of ultraviolet radiation. However, with the spread of COVID-19, demand for UV-C lamps in all sectors worldwide has increased enormously. And no wonder. The benefits of this method of disinfection speak for themselves.

THE SUBDIVISIONS AND EFFECTS OF UV RADIATION:

At 100 to 380 nanometers, ultraviolet light has a much shorter wavelength than visible light. The spectrum of UV light is subdivided into various types, each with its own properties:



UV-A

- The longest wavelength
- Makes certain substances fluoresce



UV-B

- A shorter wavelength than UV-A
- Has a tanning effect on human skin



UV-C

- Second shortest wavelength of all UV rays
- Kills bacteria and viruses



EUV

- Very short wavelength
- Mainly used in manufacturing



ECO-FRIENDLY AND EFFICIENT

Because of its many positive properties – especially compared to other disinfection methods – UV-C radiation has been used for decades as a clean method of disinfection, for example in the pharmaceutical sector and in food packaging.

IMPRESSIVE BENEFITS OF UV-C LIGHT:

- Disinfects without chemicals or toxic compounds
- Gives pathogens no opportunity to build up resistance
- Does not alter product properties during disinfection
- Leaves no residue or discoloration
- Does not produce ozone above 240 nanometers

CONCLUSION:

UV-C radiation can be used as a clean and safe method in products such as disinfection boxes and UV-C air purifiers.

LEDVANCE UV-C AIR PURIFIER EFFECTIVE AGAINST VIRUSES AND BACTERIA

The UV-C air purifier from LEDVANCE kills up to 99.9 % of viruses and bacteria in its immediate environment – including the SARS-CoV-2 virus. It also removes pollen and microdust from the air and eliminates odors, creating a pleasant and healthy living environment. At just 16 centimeters high, it is small, lightweight and mobile so it can be quickly placed wherever it is needed. It is a sustainable and eco-friendly solution using the power of light without any chemicals or toxic compounds.



THE LEDVANCE UV-C AIR PURIFIER AT A GLANCE:



Chemical-free and mercury-free



Completely safe even for newborns and pregnant women



UV-C radiation safely shielded by the housing



Quiet operation



Power supplied via a USB cable



Choice of three speeds

THOROUGH AIR PURIFICATION FOR A GERM-FREE ENVIRONMENT

1 High-performance replaceable H13 HEPA filter removes odors and filters out pollen and microdust from the air.

2 VIOLEDS UV-C photon radiation for an efficient virus elimination up to 99.9 %.



SMALL, LIGHT, MOBILE AND READY TO USE ANYWHERE



In your kitchen at breakfast time



In a children's playroom

TECHNICAL DATA



Product name	GTIN (EAN)	W	t ₉₀	L × W × H [mm]		
UVC HEPA Air purifier White	4058075 555303	4.5	20 000	85 × 85 × 160	1	1
HEPA Repl Filter Grey	4058075 566866	–	6 Mon	55 × 55 × 15	2	2

No bigger than a coffee mug and the convenience of power via a USB cable, the LEDVANCE UV-C air purifier is ready for use wherever you need it. At home, in the office, in a hotel room or in a car. This quiet UV-C air purifier guarantees clean, germ-free air.



Every day in the office



And even in your car

THE LEDVANCE UV-C DISINFECTION BOX

Reduce your risk of infection with the UV-C box. Products in daily use can be easily placed in the UV-C disinfection box and disinfected in a very short time.



Find out more at

www.ledvance.com/UVC-products

ABOUT LEDVANCE

With offices in more than 50 countries and business activities in more than 140 countries, LEDVANCE is one of the world's leading general lighting providers for professional users and end consumers. Having emerged from OSRAM's general lighting division, LEDVANCE offers a wide-ranging portfolio of LED luminaires for a broad spectrum of applications, intelligent lighting products for Smart Home and Smart Building solutions, one of the most comprehensive ranges of advanced LED lamps in the lighting industry, traditional light sources, an LED Strip System and light management systems.



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