



PurLite Fact Sheet

VISION STATEMENT: *Our vision at PurLite is to bring medical-grade UV-C cleaning home so we can help families throughout the world.*

ABOUT PURLITE

- PurLite Home is an all-in-one UV-C light sanitizing system, backed by patented technology and independent lab studies.
- PurLite has been developed by Engineers and Scientists by being informed by research and science.
- PurLite Home's unique bristled loading door has special brushes which help to remove dust particles which is a key element to the process. Dust will decrease efficacy in the sterilization process and the PurLite is the only sanitizer on the market that addresses that problem.
- Unique patented process eliminates 99.999% of harmful germs and viruses within 30 seconds.
- Items that you use every day such as smartphones, remote controls, credit cards, pens, wallets, jewelry, small ipads, most gaming devices, baby items and more all within 30 seconds.
- Chemical free disinfecting in 30 seconds for fast and worry free use for home. Fast and easy to use. Environmentally friendly.
- PurLite holds patents and is registered with the EPA.

INTERNAL – PurLite Exposure Cartridge

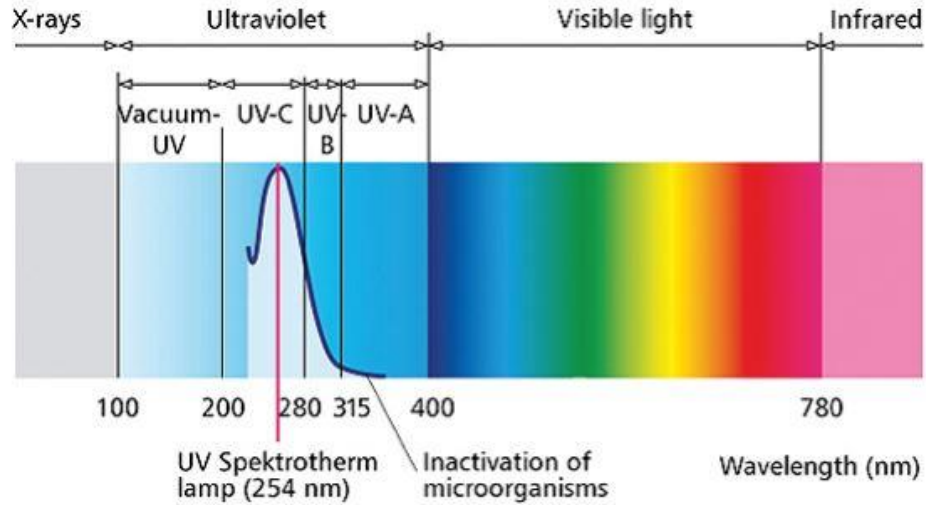
- Items are suspended in the PurLite so they have 360 degree exposure to the UVC light.
- The PurLite Exposure Cartridge is tough and durable. It allows UVC light to penetrate through the FEP film and get to the item you are sanitizing.
- Large capacity for the ability to disinfect an array of items such as smartphone, sunglasses, small toys, remote controls, gaming controllers, keys, toothbrushes, make up brushes, jewelry, credit cards, money, wallets, dog toys and more.

INDEPENDENT TESTING

- Clinically proven results performed in an independent lab plus two studies done at a University concluded that within 30 seconds PurLite Home eliminated 99.999% of bacteria and viruses found on various household items.
- Bacteria such as: eColi, Salmonella, MRSA or Staph, Candida Albicans – intestinal and skin bacteria. Viruses such as: H1N1 (swine flu), H5N1 (avian flu), Influenza Type A, Rotavirus, Rhinovirus, Norovirus
- Covid 19 virus will be tested at the University in the Fall 2020.

ABOUT UVC LIGHT

- UVC light is used to safely sanitize by leading hospitals globally
- UVC light is proven to sanitize more efficiently than chemicals
- UVC light is a 100% effective germicidal agent which causes fatal damage to germs at the genetic level
- The PurLite UVC germicidal bulbs are 245 nanometers (nm) on the spectrum chart
- **UVC** refers to ultraviolet light with wavelengths between 200 – 280 nanometers (nm). Light in the **UVC** wavelength can be used for disinfecting water, sterilizing surfaces, destroying harmful micro-organisms in food products and in air.



- UVA and UVB are ineffective in inactivating microorganisms.

KEY IDEAS

- Protect your family against allergens and germs
- Health and wellness are a top priority these days
- The PurLite is a component of a healthy lifestyle
- We can transform our environment for good health
- Placing health and wellness to the forefront
- We utilize the best technology available for optimum success
- Redefining the standards for sanitization
- Validated science in an independent lab

QUESTION AND ANSWERS

Q. What is the size of the cartridge?

A. PurLite sanitizer has an exposure cartridge that is 10"L x 2 3/4" W x 3 3/4" deep. It can sanitize many personal and household items that fall within those dimensions. It can sanitize a remote control and most game controllers and everything in-between.

Q. When do you know it's time to change the bulbs?

A. PurLite is designed with an indicator light that tells you when to replace the UVC bulbs. PurLite has the most durable and dependable UVC bulbs available. The replacement kit is available on www.purlite.com. The device is designed for easy and quick replacement – takes less than one minute!

Q. Can you sanitize surgical mask?

A. The PurLite can accommodate the size of a surgical mask. People are sanitizing fabric material types in this sanitizer. Plus, it only takes 30 seconds to sanitize an object so it is very fast.

Q. Can you do for longer than 30s?

A. You can press Sanitize button again after the first cycle longer a total time of one minute if desired.

Q. What is the bulb wavelength?

A. It is 254 nanometer (nm).

Q. What are the ratings for the power input for the wall outlet?

A. Here is the electrical breakdown: Amps: 1.2A; Watts: 140W; Volts 110-240AC; Hertz: 50/60hz.