

The background of the slide is a dark green color with a microscopic view of various bacteria, including several chains of rod-shaped cells and some individual cells, all appearing in shades of green.

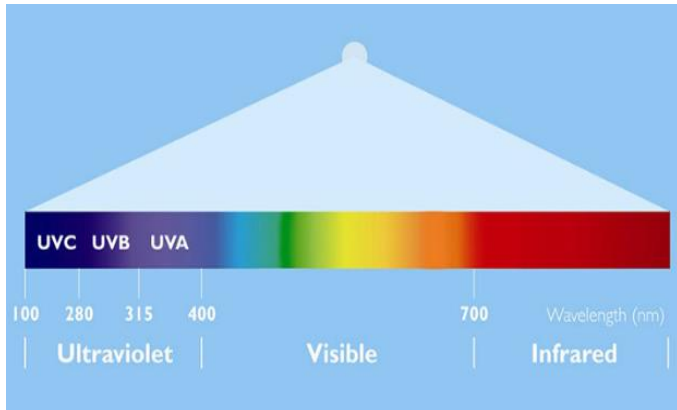
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# Philips UV-C disinfection box

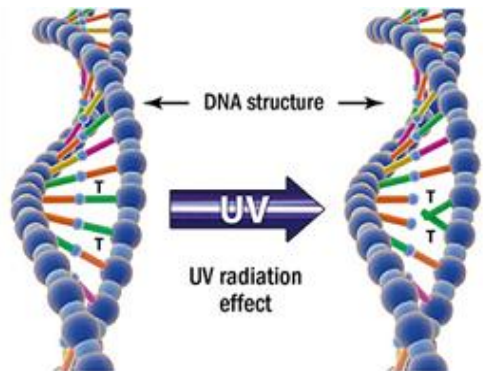
## Introduction

Oct. 2020

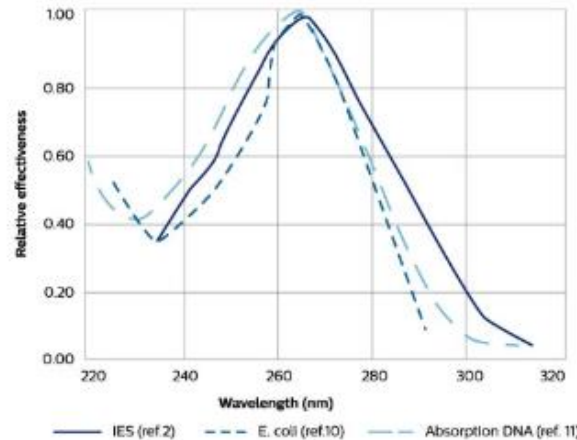
# UV light technology



- UV-C light at a wavelength 253.7nm is a very powerful germicide.
- Philips Low pressure UV-C lamps have their main emission at 254 nm



- Ultra-Violet (UV) light is invisible to the human eye and is divided into UV-A, UV-B and UV-C.
- UV-C is found within 100-280 nm range. Germicidal action is maximized at 265 nm



- As a result, our germicidal lamps are extremely effective in breaking down the DNA of micro-organisms. This means that they cannot replicate and cause disease.

# Benefits of UV-C Technology



## Defeats micro-organisms

Proven effective against viruses, bacteria, molds and spores.



## Protects against micro-organism growth

Disinfected product remains fresher for a longer time



## Reliable disinfection

Disinfection effect is directly related to UV dose (intensity and exposure time of micro-organisms).



## Easy and cost-effective

UV-C installations are easy to operate and maintain.

# Specifications

**Model name:**

929002487707

**Voltage:**

220-240 Vac

**Frequency:**

50/60Hz

**Wattage:**

24W

**Life:**

9000 hours

**Size:**

120 x 120 x 247 mm

**Weight:**

1200g

## Key functions



Disinfect function inactivates viruses and bacteria



Storage function continuously disinfects objects



Drying function removes moisture from objects

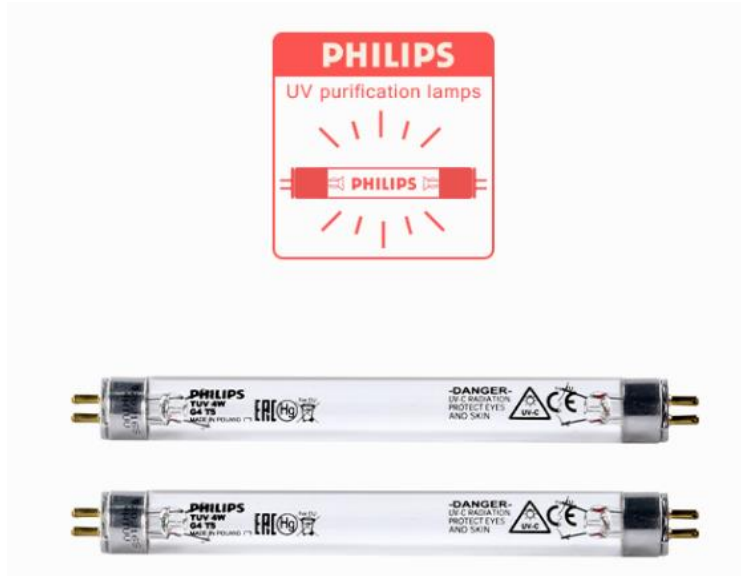


Disinfect+Dry function dries and disinfects objects

## UV-C disinfection box (10 liter)



# High quality of the Philips UV-C tube



Voltage : 220-240V Vac  
Wattage:135W

## Philips TUV 4W Mini T5

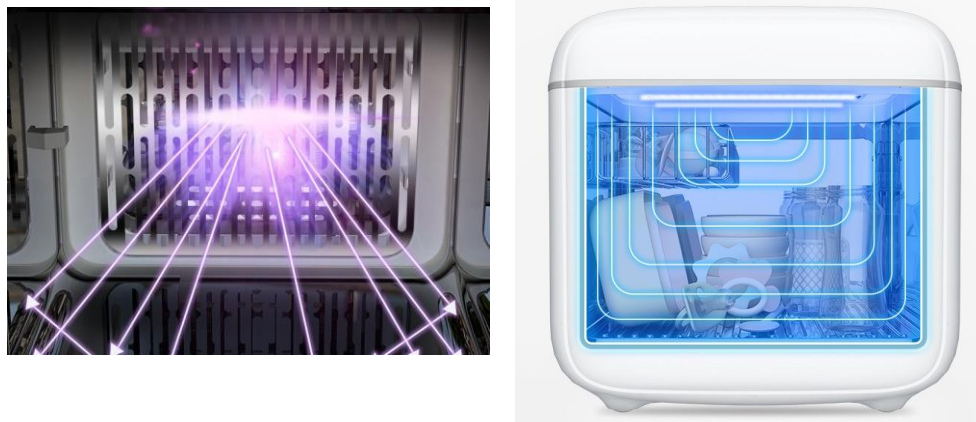
- Philips UV-C tube has higher efficiency, WPE >30%, competitors have 20-25%, which means same disinfection effect with less power.
- Philips UV-C tube has good radiation maintenance, >85% @9000hrs, competitors have poor radiation maintenance, some no brand UVC tube can drop 50% radiation power after 500hrs.
- We optimize driver design for Philips UV-C tube in our product, which make sure max output and good radiation maintenance during the life.

## No UV-C disclose, it's a safe way to disinfect objects



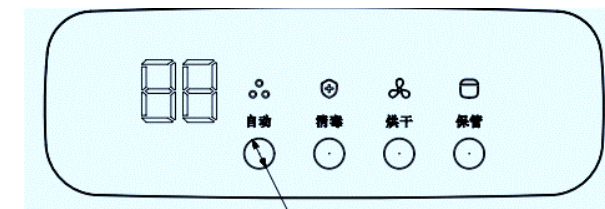
- It's totally enclosed chamber for UV-C light, no UV-C disclose, so it's safe for cons customers to use it, no UV-C hazards for human during the routine.
- Double fault design, which make sure auto cut-off UV-C light when the cover/door opens.

## High reflectivity stainless steel



- Use high reflectivity stainless steel for internal chamber, which can disinfect objects more effectively with diffuse reflection.

## Intuitive control

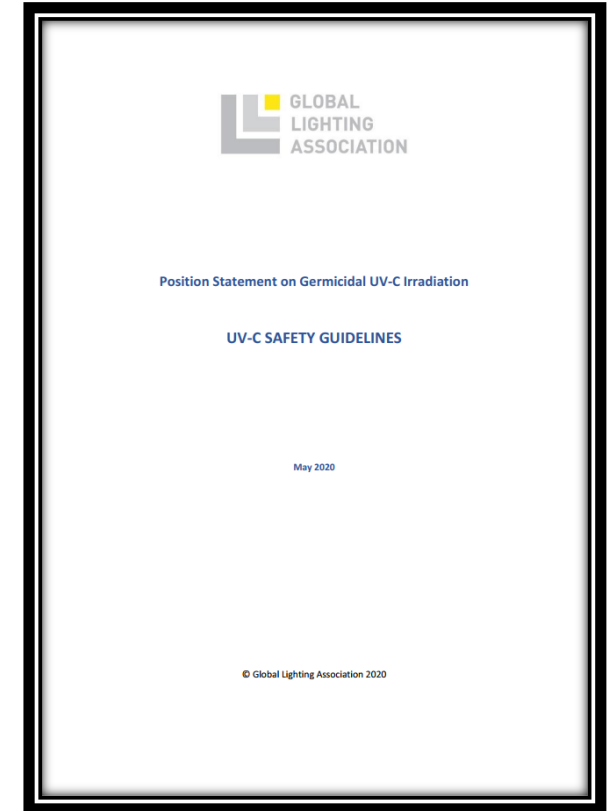


- Intuitive control, easy to understand how to use it with clear digital display.

# UV-C disinfection box safety regulation

Requirements	Standard/guidelines
Safety (CE/CB/UL)	TBD
EMC	EN 55015/EN 61547/EN 61000-3-3/EN 61000-3-2
ROHS	EN 50581
UVC Evaluation	GLA guideline including below : IEC 62471 UV Radiation ,warning etc.

- Philips UV-C sanitizer will follow all safety requirements of CE/CB/UL.
- It will also meet UV-C safety guidelines from GLA.



Global lighting association  
release UVC safety guidelines in May 2020

# Home application

10 Liter UV-C disinfection box



VS



Upper flip cover design for 10L UV-C disinfection box

- ✓ Don't need to bend down when putting/taking objects.
- ✓ It is convenient to put objects in neatly, then it's possible to put more objects.



# Home application

Clean up and protect your family

## Items that can be disinfected:



### Personal Products

Keys  
Hand Bags/Clutches  
Watches  
Rings/Chains  
Combs  
Sunglasses



### Food and Packages

Packaged Food  
Fruits & Vegetables  
Milk Packets



### Baby Products

Toys  
Bottles



### Retail Outlets

Instruments  
Currency Notes  
Bill Books



### Electronics

Mobile Phones  
Remote  
Laptops  
Power Banks



# The Benefits

## Benefit #2

### High disinfection effectiveness

- Equipped with Philips UV-C tube
- Effectively inactive 99.99% hazardous germs and mites
- High reflectivity stainless steel to increase disinfection efficiency with diffuse reflection.

Philips UV-C sanitizer high effectively disinfect the surface of objects in a safe way.

## Benefit #3

### Easy to use

- Disinfects surfaces of objects in a matter of minutes
- Intuitive control panel design

## Benefit #1

### Use UV-C in a Safe way

- Totally enclosed UV-C chamber application for Philips UV-C sanitizer, no UV-C disclose.
- No UV-C hazards for human during the routine.
- Double fault design to ensure UV-C light auto cut off when cover/door opens.

# Superiority



## Safe

35+ years experience in UV-C lighting and strong application expertise.



## Effective

No known pathogen is resistant to UV-C radiation.



## Easy

Disinfects surfaces of objects in a matter of minutes.

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It's a safe, effective and easy way to disinfect objects at home with Philips UV-C disinfection box.

