

# USER MANUAL

## UV-C sterilization lamp 100 W

### + ozone



FOREVER LIGHT

Producer:  
Telforceone SA  
ul. Krakowska 119  
50-428 Wrocław  
Poland

Hotline: (+48 71) 71 77 480  
E-mail: kontakt@foreverlight.pl  
www: foreverlight.pl

LOT number: 201029



Thank you for choosing our product. We are confident that its use will be a great pleasure for you. Please read the user manual carefully before using the product, in particular the instructions on safe use. Please keep this manual in order to be able to refer to it while using the product.

## 1. TABLE OF CONTENTS

2. Safety of use.....	1
3. Product description.....	3
4. Technical Specification.....	3
4.1 Technical data.....	3
4.2 Package content.....	4
5. Device construction.....	4
6. Operation of the device.....	5
7. Troubleshooting.....	6
8. Maintenance of the device.....	7
9. Correct disposal of used equipment.....	7
10. The use of the manual.....	8
10.1 Consents.....	8
10.2 Appearance.....	8
10.3 Trademarks.....	8
11. Warranty and service.....	8
12. Declaration of conformity with European Union Directives..	8

## 2. SAFETY OF USE

Dear customer, CAREFULLY read the content of this leaflet before use and follow the guidelines. Improper use may damage the skin and eyes!

Keep the instructions and before each use of the lamp, make sure that you take all necessary precautions to minimize the risk of injury!



Warning! This product is classified in 3rd risk group (high risk)



The product emits UV radiation! Avoid exposing your eyes and skin to UV light with the product uncovered.



Dzieci nie powinny wykonywać czyszczenia i konserwacji urządzenia.



This device cannot be used by children.



UV rays can damage the eyes and skin! Never expose yourself, other people or animals to direct or reflected UV radiation.



REMEMBER TO PROTECT YOUR BODY AND EYES AGAINST THE EFFECT OF ULTRAVIOLET RAYS! Activate the device using the control panel and walk away within 30 seconds. You can also use the remote control from a safe distance.

Do not use a damaged device. In case of damage, do not repair by yourself.

- The device emits UV-C ultraviolet radiation with a wavelength range 185-254 nm.
- Avoid exposure of the eyes and skin to ultraviolet (UV) radiation.
- Use this device only when it is properly assembled.
- UV radiation may cause injury to eyes and skin! Never risk exposing yourself, other people or animals to direct or reflected UV radiation.
- Use the device only as described in these user manual!
- The device is designed for indoor use only.
- Do not use a damaged device. Do not repair yourself if damaged. Take the device to a professional for repair or deliver it to the place of purchase.
- The manufacturer is not responsible for any problems caused by unauthorized modifications to the equipment.
- Do not expose the device to sunlight and do not place it in close proximity to heat-generating devices. Plastic parts may deform, which may affect the operation of the device or cause it to break down completely.
- Avoid exposing the device to very high/low temperatures (below 0°C/32°F and over 40°C/104°F). Extreme temperatures can affect their service life.

You can download manual from the web address below:

[www.foreverlight.pl/products/download](http://www.foreverlight.pl/products/download)

## 3. PRODUCT DESCRIPTION

UV lamps are recommended as one of the ways to fight the coronavirus - ultraviolet light destroys its thin lipid layer. They can be used to disinfect living quarters, offices, cars, kindergarten and school rooms. UV radiation is also used to disinfect smartphones, laptops, cosmetic and medical equipment and other everyday items. A UV lamp effectively removes: bacteria, viruses, microorganisms, fungi, mould, formaldehyde, mites, parasites and unpleasant smells. Remember to use the lamp according to the requirements specified on the device! Do not look directly at the UV lamp, do not expose the skin. People and animals should leave the room before switching on the device. Plants should also be removed. Once the work is complete, ventilate the room for about 20-30 minutes. Ozone is an aseptic, toxic and thermally unstable gas, which will be removed after ventilation and waiting about 30 minutes.

Disinfection efficiency level according to the instructions: > 99%.

## 4. TECHNICAL SPECIFICATION

### 4.1 Technical data

### UV-C STERILIZATION LAMP 100W + OZONE 185-253.7 NM

Model: RTV0500001 | LOT number: 201029  
Power: 100 W | Power supply: 220-240V, 50Hz  
Range: up to 120 m<sup>2</sup> | Weight Net: 4.1 kg

UV-C main wave length : 185 nm i 253,7nm  
Dimensions: 250 x 250 x 850 mm

For use in: flats and houses, bathrooms, kitchens, offices, kindergartens, schools, hotels, shops and other public places.

UV Lamp radiation suggestive time:

Space	Time
30-40 m <sup>2</sup>	30 minutes
40-50 m <sup>2</sup>	40 minutes
50-60 m <sup>2</sup>	60 minutes
60-70 m <sup>2</sup>	80 minutes
70-90 m <sup>2</sup>	100 minutes
90-120 m <sup>2</sup>	130 minutes

### 4.2 Package content

- UV-C sterilization lamp
- Remote control (2xAAA batteries, not included)
- User manual

If any of the above items is missing or damaged, please contact your dealer.

We advise to keep the container in case of any complaints.

## 5. DEVICE CONSTRUCTION



6. OPERATION OF THE DEVICE

- 1. Before turning on the lamp for the first time, do the following:
  - Place the lamp gently on its side and screw wheels to the bottom of base.
  - Remove protective sponges (we recommend keeping the sponges to secure lamp after each disinfection).
  - Pull the lamp up by loosening the lock on the right side (marked by the red arrow):



- Remember not to grab the lamp directly with your bare hands, use gloves or a dry cloth. After setting the lamp in a vertical position, turn the lock to protect the lamp from damage. Also be careful when folding the lamp!
- 2. Make sure the lamp is complete before switching; quartz tubes and the power cable are undamaged. Do not use damaged lamp, it can no longer be used and must be replaced with a new one.
  - 3. Insert the batteries into remote control.
  - 4. After inserting the plug into the socket, the lamp will emit a single sound; Press ON / OFF button on the remote control and then select the operating time: 15, 30 or 60 minutes and the lamp will beep. The signal will stop after 30 seconds and the sanitizing lamp will start working. Remember! People, animals and plants must not be present in the room during work! You can also turn on the lamp from the control panel on a base.
  - 5. The lamp will flash and the light in the tube will be uneven in first minutes of work. This is normal as the gas in the tube takes time to disperse evenly. The lamp will stabilize after few minutes.
  - 6. After finishing work, lamp will turn off automatically. You can return to the room only after airing at least 30 minutes or even more, depending on the room size and the length of lamp operation.
  - 7. Press the ON / OFF button on the remote control if you want to

stop the lamp during sterilization and turn on the lamp again if you want to continue.



During the operation of the UV lamp, people should stay away from the device to avoid injuries to eyes and skin. This also applies to animals.



The use of a narrow band UV-C radiation by the device produces an additional effect of low-concentration ozone, which can aid the sterilization process. The effect is applicable in small, closed and confined spaces (furniture interiors, refrigerator interiors, washing machines, etc.).

7. TROUBLESHOOTING

The device does not switch on	Check if the power cord is properly connected to the mains.
Remote control does not work	Check if the batteries (2xAAA) in RC are charged and well installed
Broken lamp	<div>The device contains non-replaceable lamp. To remove hazardous materials in the lamp:<ul style="list-style-type: none"><li>1. Ventilate the room for at least 15 minutes to remove mercury fumes;</li><li>2. Secure the bump site against access by children and pets;</li><li>3. Put on rubber gloves before collecting the broken fluorescent lamp;</li><li>4. Put the collected elements of the lamp into a sealed plastic bag;</li><li>5. Wipe the floor with damp paper towels and throw them together with the gloves into a bag with a broken lamp and then seal it with tape;</li><li>6. Wash your hands after completing these activities;</li><li>7. Take the bag with waste to collection point for used fluorescent lamps, and dispose of the lamp body as electrical waste.</li></ul></div>
If these solutions do not solve the problems, please contact the producer.	

8. MAINTENANCE OF THE DEVICE

To extend the service life of the device:

- Keep the device and its accessories out of reach of children.
- Avoid contact between the unit and liquids, as these can damage the electrical parts of the unit.
- Avoid very high temperatures, as they can shorten the service life of the electronic components of the device and melt plastic parts.
- Do not try to disassemble the device. Tampering with the device in an unprofessional manner may cause serious damage to the device or destroy it completely.
- For cleaning use a dry cloth or slightly moistened cloth. Never use any agent with a high concentration of acids or alkalis.



The packaging of the device can be recycled in accordance with local regulations.



Symbol for flat cardboard (packaging material).

9. CORRECT DISPOSAL OF USED EQUIPMENT



The device is marked with a crossed-out garbage bin, in accordance with the European Directive 2012/19/EU on used electrical and electronic Equipment (Waste Electrical and Electronic equipment - WEEE). Products marked with this symbol should not be disposed of or dumped with other household waste after a period of use. The user is obliged to get rid of used electrical and electronic equipment by delivering it to designated recycling point in which dangerous waste are being recycled. Collecting this type of waste in designated locations, and the actual process of their recovery contribute to the protection of natural resources. Proper disposal of used electrical and electronic equipment is beneficial to human health and environment. To obtain information on where and how to dispose of used electrical and electronic equipment in an environmentally friendly manner user should contact their local government office, the waste collection point,

or point of sale, where the equipment was purchased.

10. THE USE OF THE MANUAL

10.1 Consents

Without prior written consent of the manufacturer, no part of this manual may be photocopied, reproduced, translated or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or storing in any systems of storing and sharing information.

10.2 Appearance

The images or photos contained in this manual may differ a little from the actual product.

10.3 Trademarks

All brand names and product names are trademarks or registered trademarks of their respective companies.

11. WARRANTY AND SERVICE

The product is covered by a 2 year warranty from the date of sale of the product. In case of a defect, the product should be returned to the shop where it was purchased, remembering to provide the proof of purchase. The product should be complete and preferably placed in its original packaging.

12. DECLARATION OF CONFORMITY WITH EUROPEAN UNION DIRECTIVES



TelForceOne, hereby declares that the product complies with all relevant provisions of the so called the 'New Approach' Directive of the European Union.

WWW.FOREVERLIGHT.PL