



UV-C DISINFECTION SOLUTIONS BY DEEPLIGHT®

Disinfects surfaces, objects and air.



Scan this QR code to access the website.



Deeplight®

Why should you trust the UV-C disinfection from DEEPLIGHT®?

DEEPLIGHT® solutions have been tested in laboratory on numerous occasions at the CNRS on the SARS-CoV2 virus (responsible for COVID-19). All these tests have shown a 99.9999% eradication of the virus, which means a complete inactivation of the virus when exposed to the radiation of our UV-C solutions.

DEEPLIGHT® produces its own UV-C solutions in France to ensure their quality. The components, safety processes and remote control applications are the result of advanced thinking in order to provide the best possible disinfection experience.

Fast like no other disinfection product! Unlike Ozone disinfection or fogging, UV-C disinfection takes only a few minutes and does not require aeration time. Moreover, it is not harmful to the environment because it does not use any chemicals.



Sectors of activity concerned:

DEEPLIGHT® UV-C radiation disinfection solutions are mainly used in professional environments: offices, food processing, hospitals, medical centers, means of transport, etc. Any field of activity accessible to the public must offer a healthy environment free of viruses and bacteria.



Hospital



Drugstore



Subway



Bus



Doctor



Dentist



Airplane



Boat



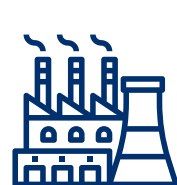
Hotel



Store



Office



Industry



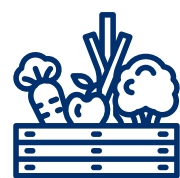
Restaurant



School



Museum



Agri-food

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OUR DISINFECTION SOLUTIONS

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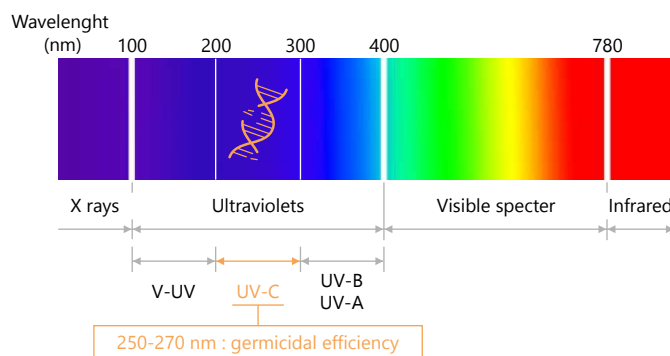
UV-C disinfection solutions by DEEPLIGHT®

How does the UV-C technology used by DEEPLIGHT® work?

The principle of Ultraviolet Type C (UV-C):

As early as 1930¹, the effectiveness of ultraviolet light on bacteria has been the subject of numerous researches. It has since been proven that UV-C rays have the effect of breaking DNA and RNA which are components of the genetic material of viruses and bacteria. DNA and RNA are extremely sensitive to UV emissions between 210 and 310 nanometers with a maximum value at 260 nm.

DEEPLIGHT® solutions generate a radiation peak at 254 nm, close to the absorbance maximum. This allows them to distort the structure of microorganisms and make replication difficult or impossible.



¹A study of the bactericidal action of ultra violet light, Fredericks L. Gates (1930).

DEEPLIGHT® UV-C solutions provide up to 99.9999% disinfection in the following environments :

Air disinfection

Many viruses, spores or bacteria float and live in the air for several hours* and will eventually land on surfaces, so it is essential to treat this environment with a UV-C disinfection solution. Heaters and air conditioners also facilitate the dispersion of droplets emitted by breathing, sneezing, coughing or simply speaking.

Disinfection of objects

We are constantly in contact with them: objects are a very strong vector of contamination especially when they are shared with other people, such as phones, door handles, refrigerators or microwaves. It is on objects that the virus lasts most: from a few hours to several days².

Disinfection of surfaces

Contaminated by our actions or by viruses and bacteria suspended in the air, the surfaces are generally very conducive to the proliferation of diseases. In addition, some of them are difficult to clean with conventional means such as walls or doors and others are forgotten when cleaning: switches, handles, dispensers, etc.

²Infography AFP and Passeport santé on the life of the virus according to the surfaces (2020).

UV-C disinfection solutions by DEEPLIGHT®

Our certifications resulting from multiple laboratory tests.

I) The AFNOR NF T 72-281 standard:



The AFNOR NF T 72-281 disinfection standard is intended to determine the disinfectant activity of processes used in the human, veterinary, agri-food, industrial and community health sectors by physical and/or chemical processes.

This standard determines the bactericide, fungicide, levuricide, mycobactericide, tuberculocide sporicide and virucide activity including the bacteriophages of the devices or products tested.

The test performed with the DEEPLIGHT® UV-C disinfection device on a Human Coronavirus 229E at more than 2.60 metres and for 15 minutes - for use in the Human Health field, in clean conditions - demonstrated a large reduction in viral load of 99.996% (or 4.44 log).

II) SARS-CoV 2 CEMIPAI/CNRS efficiency certificate:

The Centre d'Études des Maladies Infectieuses et Pharmacologie Anti-Infectieuse (CEMIPAI) of the CNRS and the University of Montpellier has controlled and certified our UV-C devices following several tests performed in a level 3 laboratory on samples of SARS-CoV2, the virus responsible for Covid-19.

The results are categorical, after being exposed to our UV-C devices rays, the previously contaminated samples no longer showed any trace of the virus. The certificate issued by the CEMIPAI/CNRS indicates that «the inactivity of the virus is reduced by more than 6 log, that is to say a reduction of 99.9999%, which corresponds to a complete inactivation of the virus».

The virucidal effectiveness of DEEPLIGHT® ultraviolet disinfection products is therefore scientifically recognized.



III) Declaration of conformity:



Finally, DEEPLIGHT® devices have also been declared compliant with current European standards such as CE, RoHS: Restriction of the use of certain Hazardous Substances, LVD: Low Voltage Directive and EMC: ElectroMagnetic Compatibility.

The tests carried out during these certifications prove the compatibility with the European electrical network as well as the non-dangerousness of the components of our devices.

«The «CE» marking is mandatory for all products covered by one or more European regulations [...] and confers on these products the right to free circulation on the whole territory of the European Union».

UV-C disinfection solutions by DEEPLIGHT®

What are the advantages of DEEPLIGHT® for your disinfection?



EFFICIENT

Eliminates up to 99.9999% of viruses and bacteria. Tested at the CNRS on the Covid-19 during several tests.



FAST

Effective in 3 minutes on most viruses and bacteria, depending on the surface to be treated.



SAFE

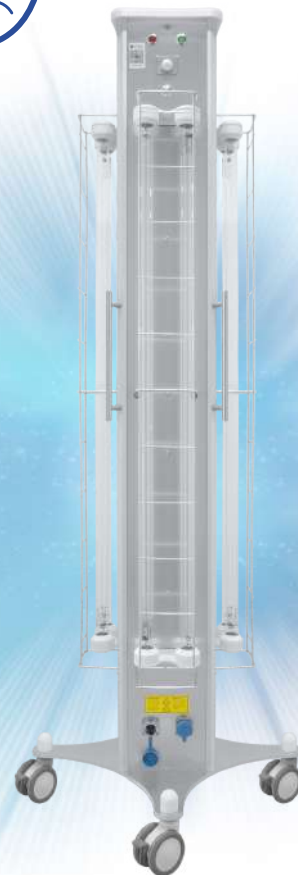
The SAFE UVC application as well as motion sensors ensure maximum security.



DEEPLIGHT® has repeatedly tested the germicidal properties of its UV-C solutions in the laboratory. Each time, the inactivity of the SARS COV2 virus was demonstrated following exposure to UV-C radiation.

Without chemicals or Ozone!

Unlike Ozone technologies, there is no need to ventilate or wait to enter the UV-C disinfected room: it can be used as soon as the DEEPLIGHT® solutions are switched off.



UV-C disinfection solutions by DEEPLIGHT®

Our smartphone apps range (iOS et Android).

Use DEEPLIGHT® applications to securely control the UV-C disinfection solutions from distance. Please find the compatible applications and a quick overview of their functionality below.



Scan these QR codes to go directly to the SAFE UVC application.



SAFE UV-C (available on iOS and Android)

The SAFE UVC application allows you to secure and remotely control DEEPLIGHT® devices while remaining protected from UV-C rays. Only staff equipped with the app can start the disinfection devices by scanning the QR codes on them.

A Bluetooth connection allows the UV-C system to communicate with your phone. Once the application is launched and your profile is completed, you can decide of the delay before the activation of the UV-C rays as well as the duration of exposure to the rays. Program the disinfection according to your needs and constraints.



QR CODE UV-C (available on iOS and Android)

Control disinfection cycles with QR codes! Choose your parameters among: the duration of disinfection, the name of the room and of the operator in charge of cleaning; the data will be stored in an image called QR code. The SAFE UVC application automatically decrypts the parameters and starts the disinfection immediately.

You will receive the QR code by email, at the email address of your choice. All you have to do is hang it in the room to be disinfected and scan it during your next disinfection. The UVC QR CODE application is a real time saver, you will no longer need to manually fill in your settings at each use.



MASTER UV-C (available upon request)

Intended for technicians and authorized installers, this application allows you to modify the configurations and variables of the DEEPLIGHT® UV-C devices, it is thus possible to modify the following parameters.

- The type of control: automatic or manual.
- Recurring request for the security QR code or not.
- Reset the total operating time of the UV-C tubes in the device.
- Reset the number of times the device has been switched on.



GLOBAL UV-C (available upon request)

This application is recommended for dentists, medical practices and various rooms where UV-C devices are fixed. The main advantage of this software is the scheduling of disinfections, which saves time compared to manual cleaning. The main functions of the MASTER UVC application are as follows.

- Allows you to create a weekly and automated disinfection schedule.
- Allows you to quickly disinfect a room, without wasting time installing a device.
- Allows you to send disinfection reports by e-mail.

UV-C disinfection solutions by DEEPLIGHT®

UV-C movable disinfection device- DEEPLIGHT®

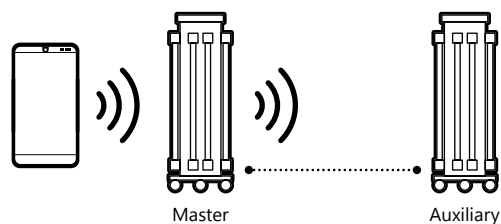


5 YEAR*
WARRANTY

UV-C

Auxiliary and Master differences.

DEEPLIGHT® UV-C disinfection solutions have two distinct types of operation: the first are called «Master» models. They can communicate and be controlled via phone and tablet applications, and can send information to the «Auxiliaries» (switch off, switch on, motion detection, etc.). The «Auxiliaries» cannot communicate or be controlled through apps and are most often connected to a «Master» to extend the area treated by UV-C.



Options

Other models and custom colors are available upon request.

Model	Power	Sources	Type	Irradiance at 1 metre	Beam angle	Wavelength	Size	Weight	Power supply
DEP-RM300V3-M	300 W	8 UV-C tubes	Master	480 µW/cm²	360°	254 nm (±10 %)	1574 x 550 x 550 mm	15 kg	86-265 V AC
DEP-RM300V3-A	300 W	8 UV-C tubes	Auxiliary	480 µW/cm²	360°	254 nm (±10 %)	1574 x 550 x 550 mm	15 kg	86-265 V AC

Compatible applications:



SAFE UVC



GLOBAL UVC

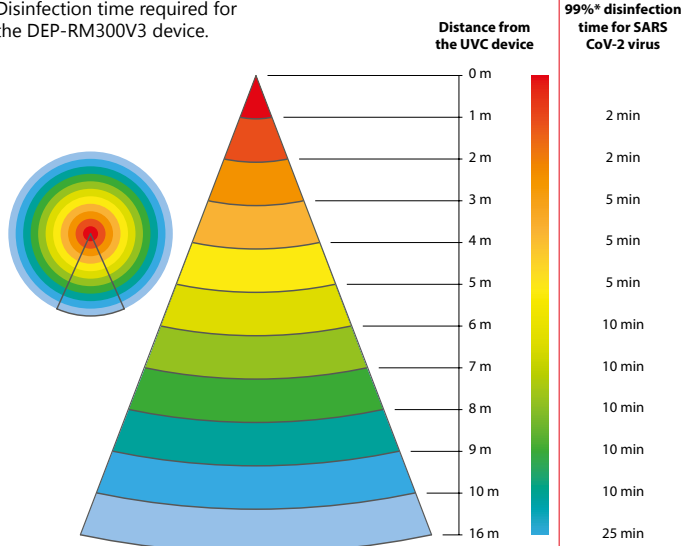


QR CODE UVC

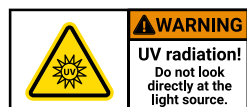
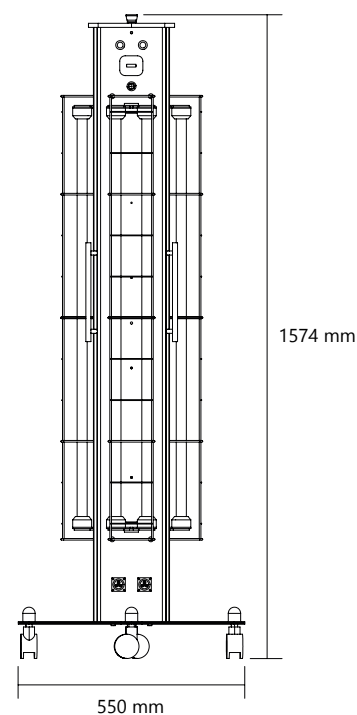


MASTER UVC

Disinfection time required for the DEP-RM300V3 device.



*These data are the result of numerous tests performed on the SARS-CoV-2 virus, responsible for Covid-19, in a level 3 biosafety laboratory at Cemipai-CNRS.



Available finish : WHI : white, BLA : black, ALU alu, ALB : brushed alu, MIR : mirror.
Non-source warranty: Please change the UV-C tubes every year or every 8000 hours.

It is imperative not to expose yourself to the light emitted by this product, nor to look at it directly without protection.
This device is strictly reserved for professional use.

UV-C disinfection solutions by DEEPLIGHT®

UV-C disinfection panel - 600 x 600 mm - DEEPLIGHT®



5 YEAR*
WARRANTY

UV-C

Auxiliary and Master differences.

DEEPLIGHT® UV-C disinfection solutions have two distinct types of operation: the first are called «Master» models. They can communicate and be controlled via phone and tablet applications, and can send information to the «Auxiliaries» (switch off, switch on, motion detection, etc.). The «Auxiliaries» cannot communicate or be controlled through apps and are most often connected to a «Master» to extend the area treated by UV-C.

BiSpectrum⁺



Options

Combines LED lighting and UV-C lighting! The UV-C light is only activated by the application, while the LED sources will provide you with the necessary light throughout the day and/or night.



Options

BiSpectrum solutions are available in Maestro™ (RGB colors + whites)



Options

Other models and custom colors are available upon request.

Model	Power	Sources	Type	Irradiance at 1 metre	Beam angle	Wavelength	Size	Weight	Power supply
DEP-LM80V1-M	80 W	4 UV-C tubes	Master	125 µW/cm²	180°	254 nm (± 10 %)	595 x 595 mm	3,3 kg	86-265 V AC
DEP-LM80V1-A	80 W	4 UV-C tubes	Auxiliary	125 µW/cm²	180°	254 nm (± 10 %)	595 x 595 mm	3,3 kg	86-265 V AC

Compatible applications:



SAFE UVC



GLOBAL UVC

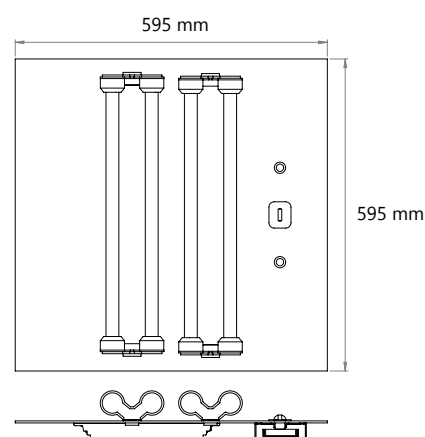
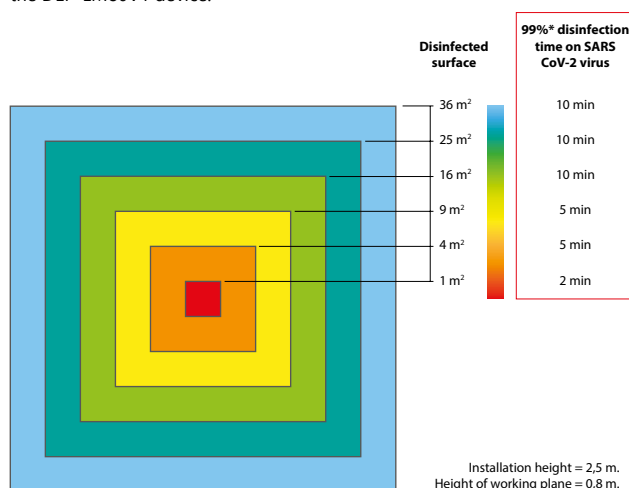


QR CODE UVC

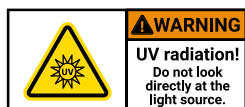


MASTER UVC

Disinfection time required for the DEP-LM80V1 device.



*These data are the result of numerous tests performed on the SARS-CoV-2 virus, responsible for Covid-19, in a level 3 biosafety laboratory at Cemipai-CNRS.



Available finish : WHI : white, BLA : black, ALU alu., ALB : brushed alu., MIR : mirror.
Non-source warranty: Please change the UV-C tubes every year or every 8000 hours.

It is imperative not to expose yourself to the light emitted by this product, nor to look at it directly without protection.
This device is strictly reserved for professional use.

UV-C disinfection solutions by DEEPLIGHT®

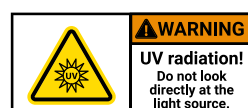
Disinfection tents for medical equipment - DEEPLIGHT®



Model	Structure	Color	Inside covering	Open/Close	Size	Weight
DEP-CV1-120	Steel	Black exterior	Diamond reflective lining	Zipper closure	120 x 120 x 200 cm	14 kg



Model	Structure	Color	Inside covering	Open/Close	Size	Weight
DEP-CV1-240	Steel	Black exterior	Diamond reflective lining	Zipper closure	240 x 120 x 200 cm	21 kg



It is imperative not to expose yourself to the light emitted by any UV-C product, nor to look at it directly without protection. This device is strictly reserved for professional use.

UV-C disinfection solutions by DEEPLIGHT®

LED UV-C hand gun - DEEPLIGHT®



Available upon request

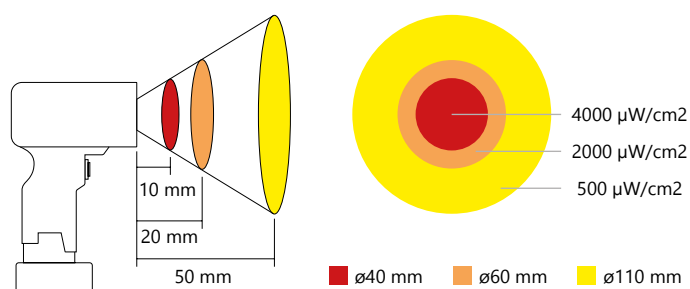
**5 YEAR
WARRANTY**



Advantages of UV-C LED Gun:

The DEEPLIGHT® LED UV-C light disinfection gun is the most manageable solution in our UV-C product range. Target and reach the hardest-to-reach places to disinfect. Wireless, thanks to its rechargeable battery, you can take it anywhere a plug-in machine can't go.

Fly over your work environment for a few seconds with the UV-C gun to eliminate viruses and bacteria!



Model	Power	Irradiance	Efficiency distance	Autonomy	Wavelength	Size	Weight
DEP-GL50V1	50 W	4 mW/cm²*	10-100 mm	60 min	265-280 nm	204 x 120 x 61 mm	670 g

Power supply: 25V DC lithium battery / mains connection

* Irradiance at 1 centimeter according to the standard WS/T 367-2012

ADVANTAGES OF THE DEEPLIGHT® UV-C DISINFECTION GUN



Performances:

Easily to carry around (less than 1 kg)

Wireless, runs on battery

60 minutes autonomy

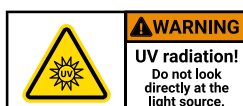
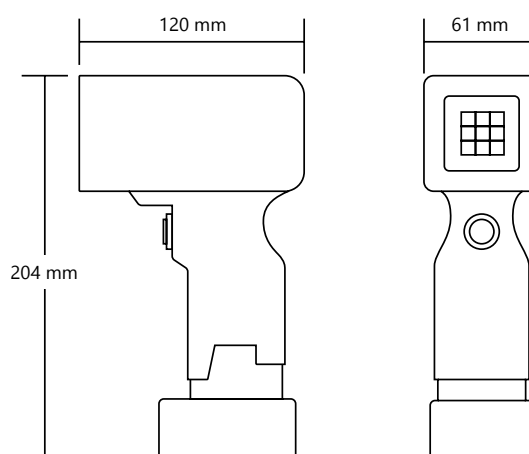
Reaches into tight areas

Disinfects as long as you push



Security:

Concentration of the UV-C rays: the disinfected area disinfected measures 4 x 4 cm and is very effective between 1 and 5 cm from the gun.



It is imperative not to expose yourself to the light emitted by any UV-C product, nor to look at it directly without protection. This device is strictly reserved for professional use.

UV-C disinfection solutions by DEEPLIGHT®

Accessories for UV-C solutions - DEEPLIGHT®



UV-C alert signalling stand

Model	Size	Material
DEP-CHEVV1	620 x 300 mm	Polypropylene



Essential for

UV-C movable device, disinfection panel, tents and gun



Do not enter" & "Disinfected room" door hangers

Model	Color	Printing	Size	Material
DEP-APV1-YEL	Yellow	Front/back	70 x 200 mm	Glossy paper
DEP-APV1-BLE	Blue	Front	70 x 200 mm	Matte paper



Essential for

UV-C movable device, disinfection panel, tents and gun



Touchscreen tablet with GLOBAL UVC app - DEEPLIGHT®

Model	Screen size	Size	Weight
DEP-TABDC01	10 inch (≈25 cm)	275 x 17 x 25 mm	750 g

Please contact us if you need a data sheet for this product.



Works with

UV-C movable device, disinfection panel and tents



Touchscreen tablet stand - DEEPLIGHT®

Model	Size	Weight
DEP-TABSUP	147,7 x 74 x 16,4 mm	220 g



Works with

Touchscreen tablet - DEEPLIGHT®



Power cable UV-C for « Master » devices - DEEPLIGHT®

Model	Base	Size	Current	Connectors	Index of Protection
DEP-CABLE3P-S	3 pin	Customisable	230 V AC	Male	IP 67



Essential for

« Master » type UV-C movable devices



UV-C disinfection solutions by DEEPLIGHT®

A UV-C disinfection products catalog.

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UV-C disinfection solutions by DEEPLIGHT®

DEEPLIGHT®

+ 33 (0) 4 11 93 45 17
contact@deeplight.fr