



Presents
UVUC Sanitation Solutions a Division Cool-Tech Ltd.

Chemical Free UVC LED Hotel Disinfection



Top Ten Reasons To Use UVC LEDs

1. Chemical free disinfection - no refills or replacements necessary
2. Long life : 8,000 - 10,000 hrs of continual usage
3. Cost Effective - low running costs associated with LED technology
4. Works Every Time - based on the principle of Time * Intensity * Distance
5. Easy to eliminate Viruses such as Sars Cov 2 - the virus that causes Covid 19 can be deactivated in as little as 5 seconds.
6. No Mercury Vapor or Ozone that are normally associated with UVC tube lights.
7. Fully Automated - once set up our static units will operate a predetermined times.
8. Adaptable to different situations - Our mobile units can be easily transported to any environment for quick disinfection cycles.
9. Safe - Safety is our priority along with microwave shut off sensors our lights are equipped with an array of safety features such as timers, sound delays and preset on/off controls.
10. Power options from 15 watts to 600 watts makes our UVC LEDs lights the most versatile and powerful on the market.- based on the principle of

Time * Intensity * Distance

How Does UVC Work ?



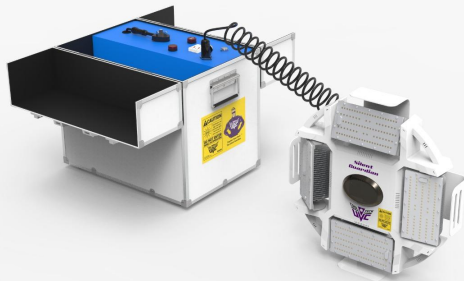
No exceptions UVC light eliminates all pathogens, viruses, spores molds etc

Sars Cov 2 the virus that causes Covid 19 can be deactivated in as little as 5 secs with 6mj/cmsq

The only variables to consider when using chemical free UVC is $\text{Time} * \text{Intensity} * \text{Distance}$

More difficult to kill pathogens such as E Coli require longer exposure times.

UVC irradiation measured in mj/cmsq



Silent Guardian UVC
200 Watt Vehicle Sanitiser

- Mobile
- Quick Turnaround -less than 5 mins per vehicle
- No residue
- No Refills
- No replacement parts
- Safe to Operate



Silent Guardian UVC
600 Watt Mobile

- Mobile - Designed for Ease of Operation
- Quick Turnaround -less than 5 mins per room
- No residue
- No Refills
- No replacement parts

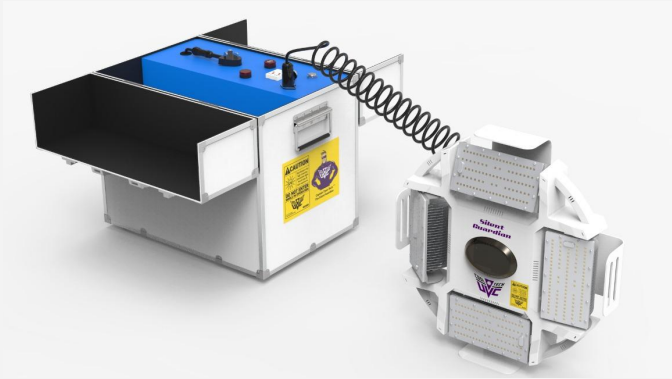


Silent Guardian
200 Watt Static

- Fixed Ceiling Mount
- Fully Automated
- Works While You Sleep
- No Labour Costs
- Energy Efficient
- Long life



- Chemical Free Disinfection
- Safe for Electronics
- No Lag Time
- Free From Harmful Mercury or Ozone



200 Watt UVC LED Vehicle Sanitiser



UV 600W

② Set The Room Dimension (The effective distance should not exceed 8M.)

Length (X)

Width (Y)

Installation Height (Z)

500

cm

500

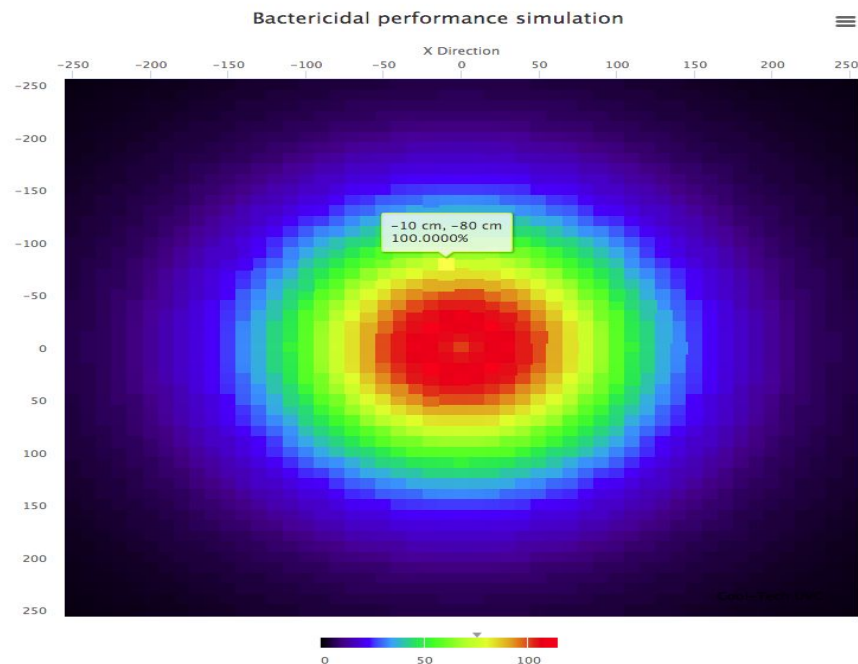
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150

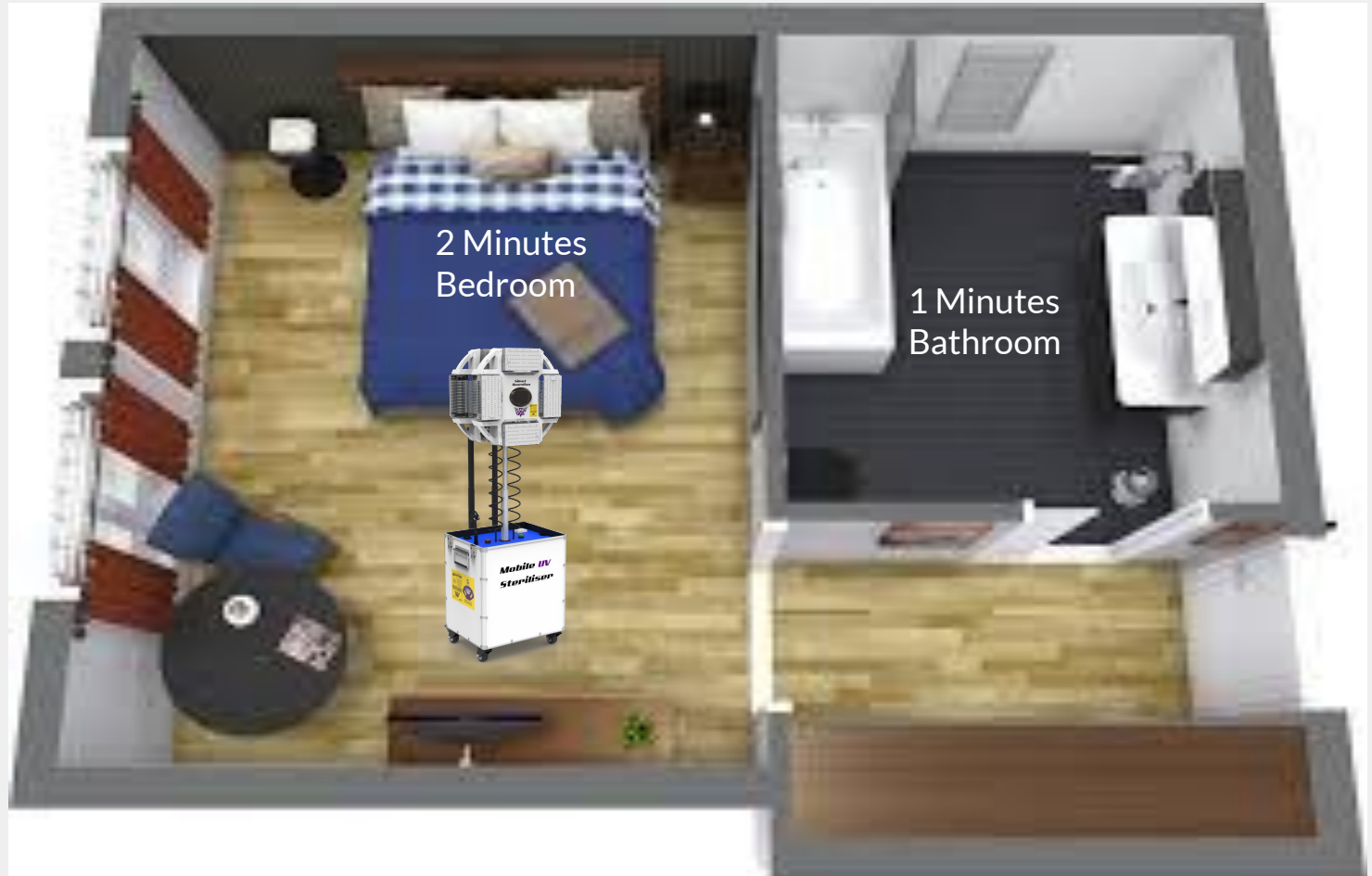
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③ Disinfection Duration: Enter a disinfection duration (minutes) after the selected

Escherichia coli (66J/m ²)	5	Coronavirus/Covid-19 (19J/m ²)	4
Tetanus Bacillus (220J/m ²)	15	Salmonella typhi (41J/m ²)	3
Vibrio cholerae (65J/m ²)	5	Mycobacterium tuberculosis (100J/m ²)	7
Shigella dysenteriae (42J/m ²)	3	Staphylococcus aureus (57J/m ²)	4
Serratia marcescens (61J/m ²)	5	Streptococcus hemolyticus (55J/m ²)	4
Corynebacterium (65J/m ²)	5	Proteus vulgaris (66J/m ²)	5
Leptospira (60J/m ²)	4	Pseudomonas aeruginosa (105J/m ²)	7
Micrococcus (154J/m ²)	11	Neisseria gonorrhoeae (88J/m ²)	6
Rhizobium (85J/m ²)	6	Streptococcus (88J/m ²)	6
Chlorella (246J/m ²)	18	Spirulina (61J/m ²)	5
Penicillium notatum (220J/m ²)	15	Aspergillus flavus (990J/m ²)	66
Mucor (352J/m ²)	24	Saccharomyces cerevisiae (66J/m ²)	5
Nematode Eggs (920J/m ²)	62	Bacteriophage (66J/m ²)	5
Flu virus (66J/m ²)	5	Bacillus anthracis (87J/m ²)	6
Poliomyelitis virus (60J/m ²)	4	Infectious hepatitis virus (80J/m ²)	6

[Click here to calculate](#)**Intensity:** 600 Watt UVC LED Mobile**Distance:** 25 Square Metres (Average Hotel Room)**Time:** 4 Minutes for CoronaVirus Elimination

25 Sq Metre Hotel Room



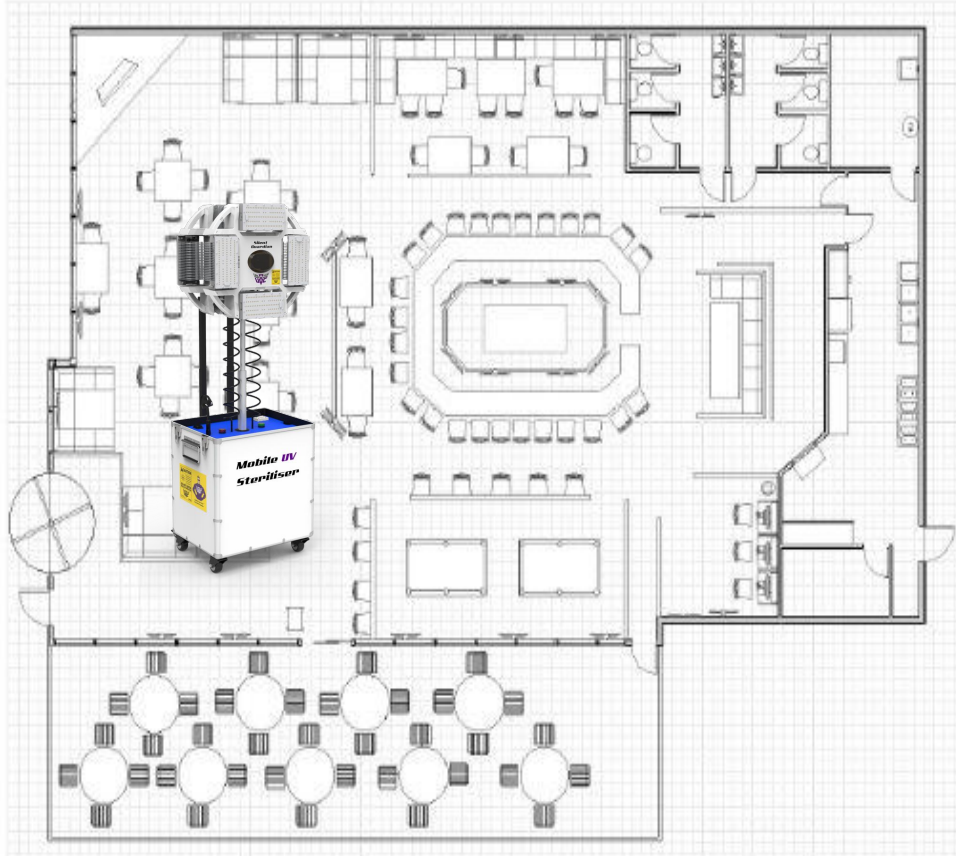
Safety Features

- Time Delays
- Microwave Motion Sensors
- Shuts off Automatically When Mass Detected
- Internal Clock Preset
- Purple Hue When Operating
- Predetermined Disinfection Cycle
- Additional Safety Features such as wireless Controllers
- Cut off Read Switches On Doors
- Sound Alarms

** All products are independently lab tested and CE RoHs certified. Cool- Tech Ltd is a ISO -9001 accredited company




Bar Restaurant



Option A

Outright Purchase


Straight purchase of equipment and install.

- 
- One Time Payment
 - Outright Ownership
 - No Recurring Monthly Repayments

Option B

Full/Partial Finance

Finance equipment over fixed term of One, Three or Five year contracts.

- 
- Reduces Upfront Costs
 - Monthly Payments
 - Own equipment at lease end

About & Support Certifications



Cool Tech Ltds' mission is to provide environmentally friendly, low energy solutions to industry and local enterprises. We are specialists in comfort cooling, Heating and lighting using energy saving environmental methods. Our business is aimed at introducing technologies that will drastically help with energy consumption for large organisations and small to medium enterprises.

Since our founding in 2006, we are proud to have served and continue to serve some of the most recognised brands in the world, such as Rolls Royce, Dyson and Allied Bakeries to name a few of over one hundred of our blue chip clients. Our germicidal UVC LED division UVC Sanitising Solutions was born from a demand to supply our clients with a germicidal lamp to compliment the existing line of services we already provide.

One of the main components to our success has been with our commitment to service our clients and stand behind our products 100%. Even with the highest quality and best engineered products things can go wrong and if they do know one of our qualified technicians will be there to work through the issue or replace the fixture.

Thank You

UVUC's mission is to provide Health and Safety Solutions through proven engineering methods and products.

It is our goal to provide you with options that fit your operations and budget and provide long term solutions to future proof your business against the threat of deadly microorganisms.

We look forward to your feedback your expertise is much appreciated, please don't hesitate to reach out with any questions or feedback.

For more information on our product line and case studies please visit www.uvuc.co.uk
Luke Emslie- Director of Sales & Business Development

