

UVC PORTABLE LIGHT



> MEDICAL
> COMMERCIAL
> HOME USE
> RESTAURANT

USG-UVC-903
SANILED

1545 E. CORONA AVE.
PHOENIX, AZ. 85040

Tel. 1(888)7 NEW NORM
www.usg-sterilization.com

Product: UVC Portable Light

Part No.: USG-UVC-903

P. 1/4

1. Purpose:

To clean the objects where you would like to clean with the UV Portable Light in seconds. SGS certified.

- DO NOT touch the UVC surface.
- Keep water and any liquids out of the device.

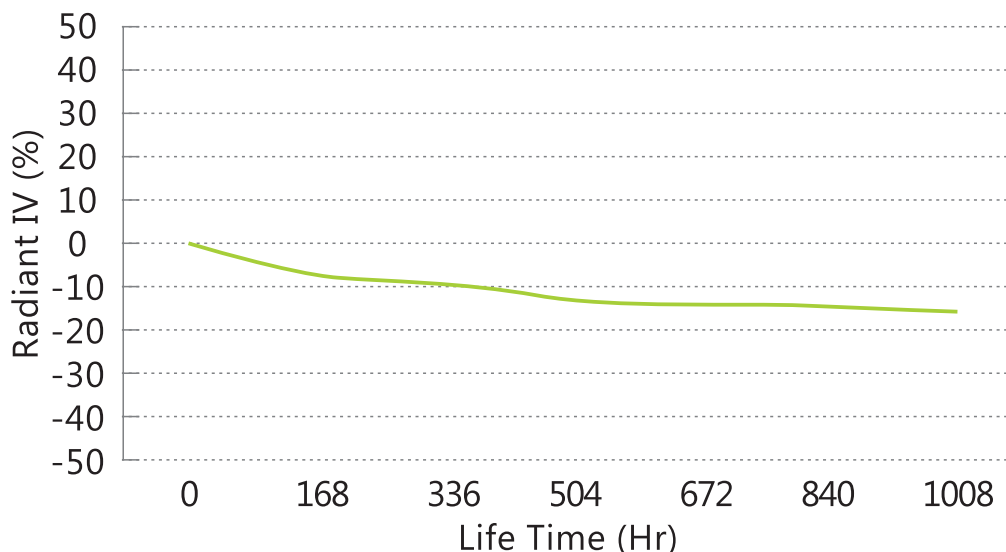
2. Applications:

- 1.- Personal protective equipment.
- 2.- Mail and packaging.
- 3.- Personal property, such as cell phones and keys.
- 4.- Work surfaces, such as desks, keyboards, pens and clipboards.

3. Specifications:

Part No.	USG-UVC-903
Size	21.5 X 12 X 9 (cm)
Weight	1.2 kg (with wires)
Power Consumption	30 W
Beam Angle	30°
Input Power	AC 100-240v

UVC LED Reliability



UVC

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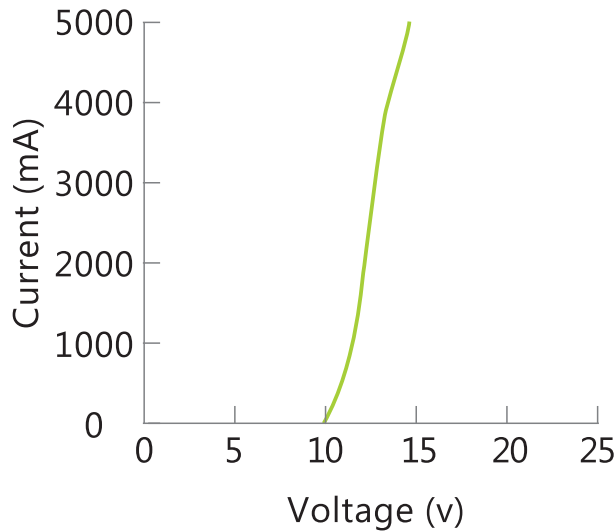
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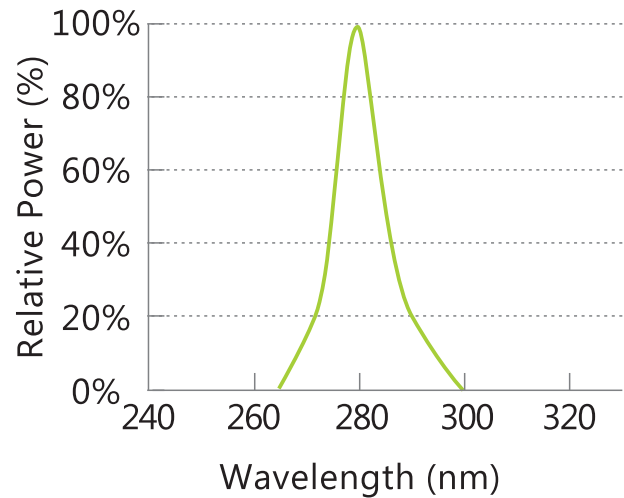
P. 2/4

Typical Characteristic Curves

Current vs. Voltage



Spectrum



4. Applications:

- 1.- Wear personal protective equipmet.
- 2.- Plug in.
- 3.- Turn power on (indicator will be in red).
- 4.- Hover the device approximately on inch above objects for at least 5 seconds to clean.
- 5.- Turn power off.

- **DO NOT** look directly at light.
- **Avoid exposure to eyes / skins when power on.**



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P. 3/4

5. General Precautions and UVC Safety:

UVC emits deep ultraviolet radiation, with extremely high intensity near its surface. This allows rapid disinfection but safety precautions must be observed during assembly and testing.

By purchasing the UVC from the manufacturer, the customer hereby agrees to absolve the manufacturer's responsibility of any bodily harm as a result of failure to observe the precautions, warnings and guidelines contained within this Specification.

All assembly workers, observers and bystanders must wear eye and skin protection when the UVC LEDs are energized. Bare eye observation (including through microscopes) and bare-hand handling of a UVC LED in operation is **PROHIBITED**.

UVC light can be easily absorbed, so any oil or other absorbent liquid or solid substance must **NOT** be allowed to touch the sapphire side of the UVC chip, or the dome lens on a packaged LED.

Do not apply pressure to the lens on packaged LED.

WHERE CAN IT BE USED?

Everywhere.

All types of Office & Work Spaces
Gyms / Spas / Wellness Centers
Hospital and Nursing Home Facilities
All types of Waiting Room
Shops / Boutiques / Beauty Salons
Commercial & Warehouse Spaces
Schools and Classrooms
Hotel Rooms & Conference Areas
Reception Areas and Lobbies
Home Use.



ASSEMBLED IN TAIWAN

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P. 4/4

6. SGS Test Report:

Close to germ plates at 2 cm:

Test Results:

Test Item	Contact time	Counts or the sample at contact time (CFU/mL)	Elimination Rate (%)
Candida albicans	0 sec	1.4×10^6	---
	1 sec	1.4×10^6	2.90
	5 secs	1.5×10^3	99.9
	10 secs	3.1×10^1	>99.9
Pseudomonas aeruginosa	0 sec	4.4×10^6	---
	1 sec	2.6×10^3	>99.9
	5 secs	7.7×10^1	>99.9
	10 secs	1.0×10^0	>99.9
Klebsiella pneumoniae	0 sec	4.1×10^6	---
	1 sec	2.5×10^3	>99.9
	5 secs	1.1×10^2	>99.9
	10 secs	<1	>99.9
Enterococcus faecalis	0 sec	3.4×10^6	---
	1 sec	7.0×10^4	97.9
	5 secs	3.7×10^3	99.9
	10 secs	1.1×10^1	>99.9
Bacillus subtilis subsp.	0 sec	4.7×10^6	---
	1 sec	1.9×10^6	58.9
	5 secs	3.7×10^4	99.2
	10 secs	1.1×10^4	99.8
Streptococcus mutans	0 sec	4.3×10^6	---
	1 sec	9.8×10^5	77.2
	5 secs	<1	>99.9
	10 secs	<1	>99.9
Test Item	Contact time	Counts or the sample at contact time (CFU/mL)	Elimination Rate (%)
Escherichia coli	0 sec	1.4×10^6	---
	1 sec	5.8×10^4	95.7
	5 secs	6.2×10^1	>99.9
	10 secs	2.0×10^0	>99.9
Staphylococcus aureus	0 sec	3.3×10^6	---
	1 sec	4.3×10^3	99.9
	5 secs	7.0×10^1	>99.9
	10 secs	2.0×10^0	>99.9
Salmonella enterica subsp. Enteric	0 sec	3.5×10^6	---
	1 sec	8.2×10^5	76.2
	5 secs	6.8×10^4	98.0
	10 secs	8.0×10^2	>99.9

Shin-Jyh Chen
 Signed for and on behalf of
 SGS Taiwan Ltd.

