SANITIZE IN *SECONDS* NOT *MINUTES!*

DC-15 Cordless SteriLED

Portable UVGI Sterilizer

This laboratory tested UV Portable Light allows you to clean objects in seconds. DO NOT touch the UVGI surface. Avoid contact with liquids.
****This unit has not been tested against SARS-CoV-2***

SPECIFICATIONS:

Part No.	SP-PM-UVC-C04
Size	13.5 x 9 x 10 (cm)
Weight	660g
Power Consumption	15W
Beam Angle	30º
Wavelength	275 +/- 5nm
Input Power	DC 12.6V / 1A

SAFETY AND GENERAL PRECAUTIONS

UVGI emits deep ultraviolet radiation with extremely high intensity near its surface. This allows rapid disinfection, however safety precautions must be observed during operation. Users, observers, and bystanders MUST wear eye and skin protection when the UVGI LEDs are energized to prevent damage to eyes or skin. **This product is for commercial use only and is not designed for use in the home. Keep out of reach of children.**

UVGI LEDs can easily absorb liquids and damage the device. Any oil or other absorbent liquid or any other substances must NOT be allowed to touch emission side of the device and the UV-LEDs. Do not apply pressure to the lens of UV-LEDs.

Principal Lighting Group will not be liable for any indirect, incidental, special, consequential or punitive damages due to any cause whatsoever, including damages caused by the negligence of a party, its employees or agents or otherwise, or resulting from failure to observe warnings or guidelines contained herein, as well as third party claims by purchaser for such damages resulting to any third party.

Efficacy will vary depending upon pathogen type, surface material, distance, and exposure time. L70 efficacy of device is valid for 5,000 to 7,000 hours of use. It is recommended to turn off device when not in use to maximize the life of the product.

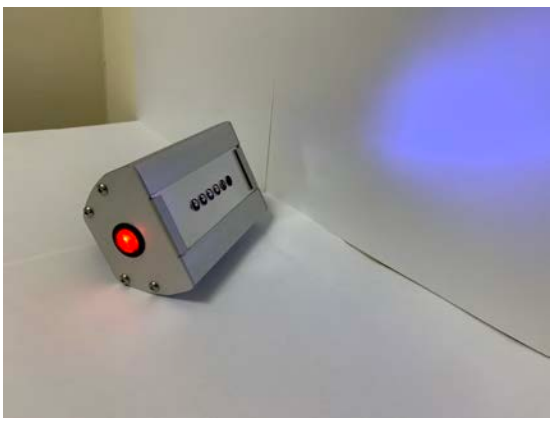
HOW TO USE:

Step 1: Put on Personal Protective Equipment.

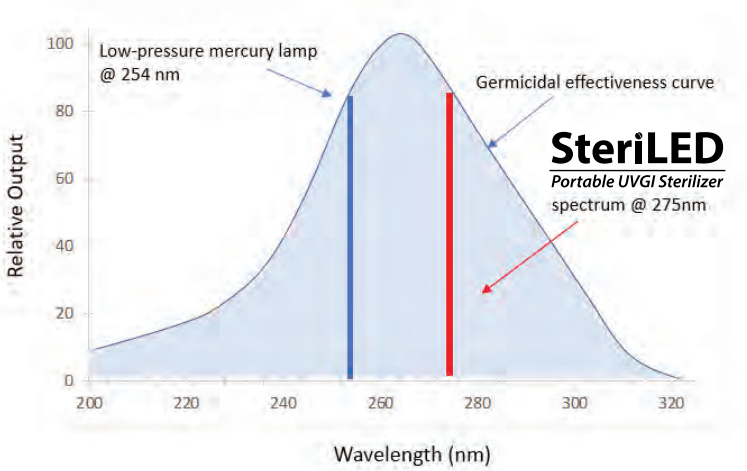
Step 2: Turn power on (indicator will be in red).

Step 3: Hover the device approximately one inch above objects for at least 5 seconds to clean.

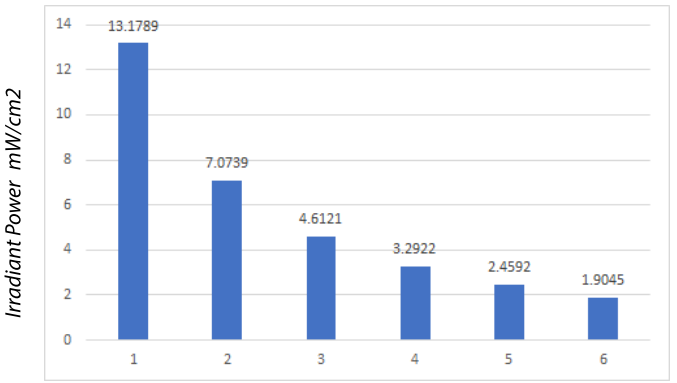
Step 4: Turn power off.



GERMICIDAL EFFECTIVENESS CURVE:



DELIVERED POWER CURVE:



Distance from surface (inches)

DOSAGE TABLE:

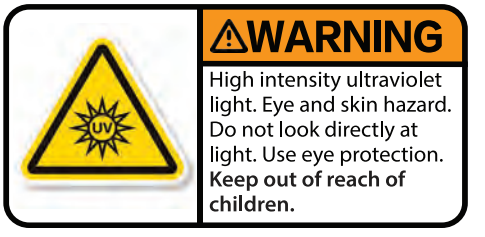
Sterilization Level	**Dosage Range (mJ/cm2)	*C04 Sterlilization time (sec.)
90.0%	1.3-3.2	0.4-0.6
99.0%	2.5-4.7	0.6-1.2
99.9%	5-9.4	1.2-1.8

*Assumes a mean distance of 3" from the surface @8 mw/cm2 for ssRNA viruses. See page 4 summary data for additional disinfection times of other pathogens.

***Reference data: Chun-Chieh Tseng & Chih-Shan Li (2007) Inactivation of Viruses on Surfaces by Ultraviolet Germicidal Irradiation, Journal of Occupational and Environmental Hygiene, 4:6, 400-405, DOI: 10.1080/15459620701329012*

APPLICATIONS:

- Vehicle Interiors
- Mail and packaging
- Personal property, such as cell phones and keys
- Work surfaces, such as desks, keyboards, pens, and clipboards



SGS TEST REPORT

Test Item	Contact time	Counts of 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	1.0×10^4	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
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