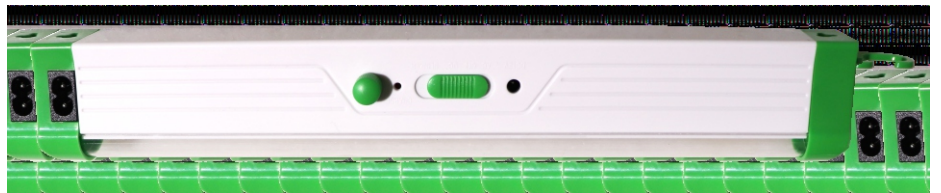
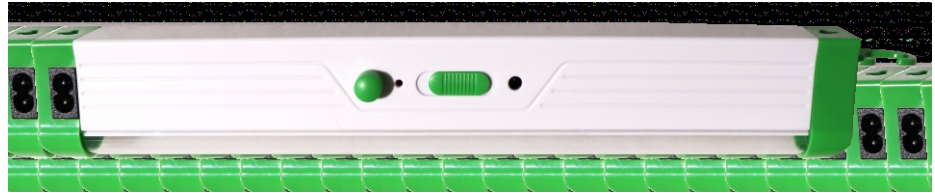
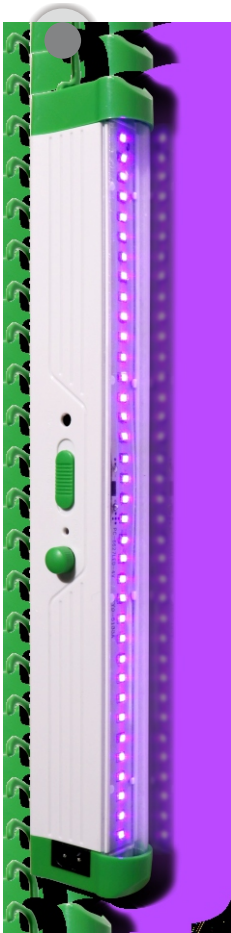


OSW-UVA-4V UV-A STERILIZING LAMP



🔧 Features

AC/Plug in/Charge(Adjustable sterilization intensity)

DC/Use without plugging (adjustable sterilization intensity)

Blinker/Atmosphere adjustment function

Can be hung freely

The UV-A lamp test is harmless to the human body, and can be used as a light source for continuous sterilization, which plays an important role in a human environment.

Application



School



Home



Office



Supermarket



Food Warehouse



Toothbrush sterilizer



Aquarium sterilizer



Dish sterilizer



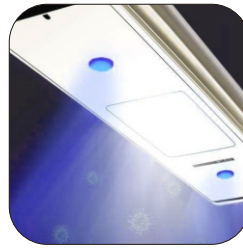
Sterilizer bulb



Ice machine sterilizer



Vehicle-mounted



Drying rack sterilizer

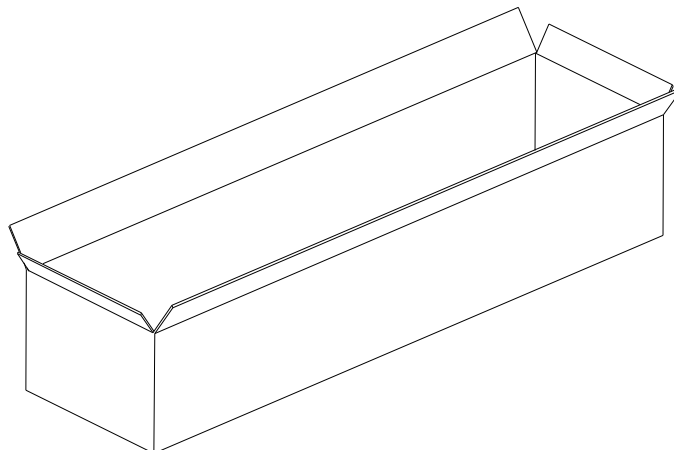


Towel rack sterilizer

Product Parameter

Rechargeable battery	Voltage	Product size (mm)	Product size with hook (mm)	Outer case dimension (mm)	Inner case dimension (mm)	Product net weight (kg)	Product gross weight (kg)
3.7v/3000mA	AC110-240V or DC12V	L355*W30*H55	L388*W30*H55	L625*W258*H473	L455*W40*H59	0.243	0.3

Product Package



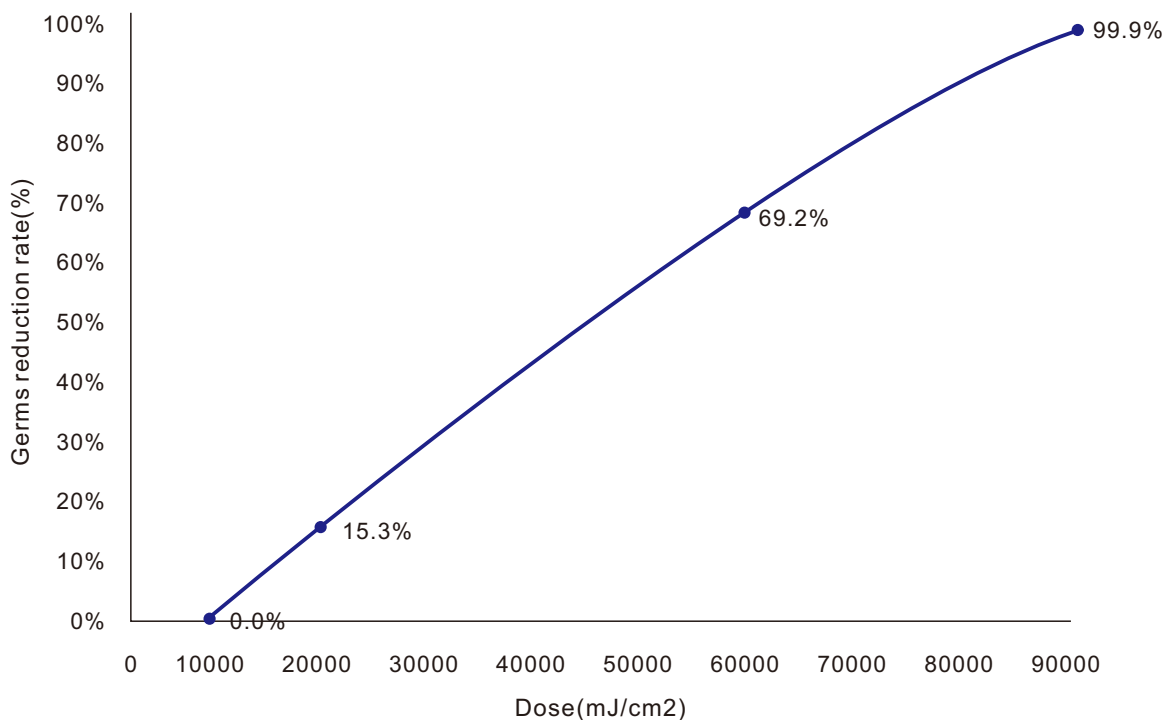
Comparison of the sterilizing rate under different Irradiation time

Wavelength	Power (mW)	Light Scope (mW/cm ²)	Irradiation range (cm)	Irradiation time (hour)	Irradiation doses (mJ/cm ²)	Reduce rate of colon bacillus
450nm	18,150	2,708	50	2	19,500	15.3%
				6	58,490	69.2%
				9	87,730	99.9%

Comparison of the light output under same sterilizing rate

Wavelength	Power (mW)	Light Scope (mW/cm ²)	Irradiation range (cm)	Irradiation time (hour)	Irradiation doses (mJ/cm ²)	Reduce rate of colon bacillus
450nm	35,900	5,410	50	4.5	87,640	99.9%
	18,190	2,708		9.0	87,730	99.9%
	8,900	1,355		18.0	87,770	99.9%

Comparison between irradiation doses and sterilizing rate



Comparison

UV-C

Harmful, it kills normal cells with germ together.

Dangerous, need to pay attention to security.

Rapid sterilization, killing up to 99.99% of germs & bacteria in a short time.

The light is harmful to organic compounds, degradation around if working for a long time.

VS

UV-A

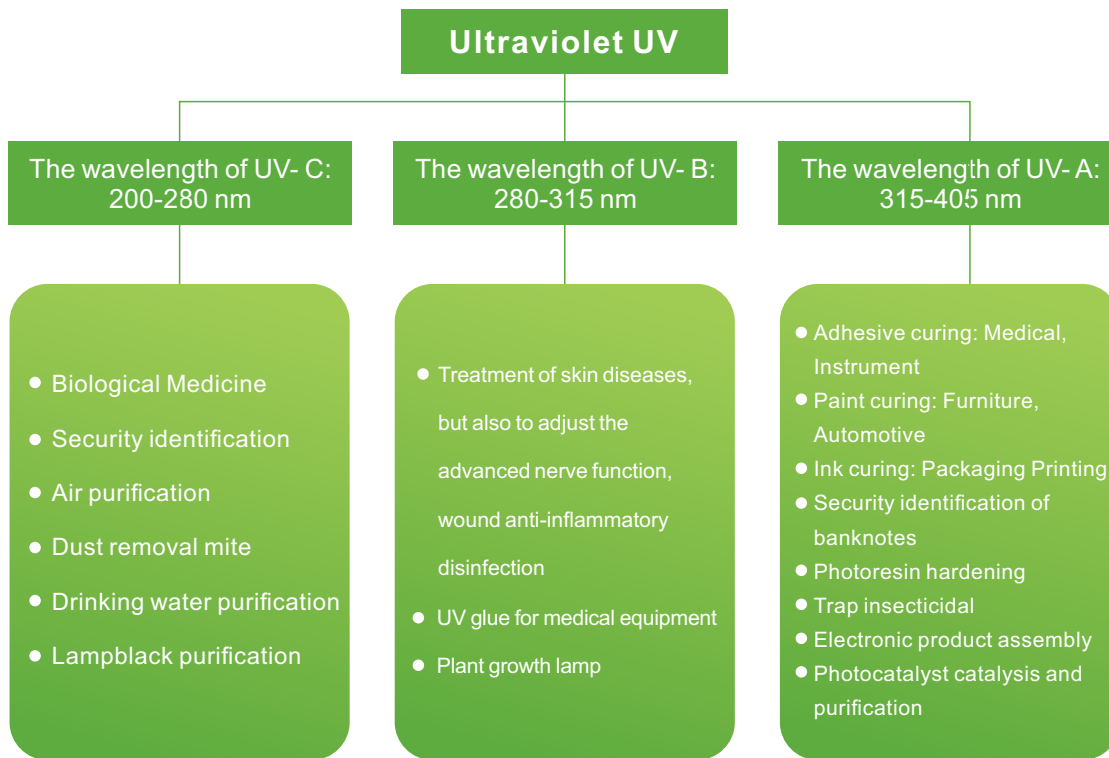
It only reacts and kills germ, is not hurt normal cells.

Harmless to human body, can be used normally, no need special protectives.

The light needs to shine for a long time to reach up to 99.99% sterilizing rate.

Harmless to organic compounds, can work for a long time.

UV wavelength application and classification



The advantages of UV LED

Long lifespan

Lifespan is 10 times of the traditional is more than 10 times that of traditional mercury lamps

Convenient and easy to use

The small size of the product makes the design more flexible, can be installed on irregular surfaces, and can be designed as a portable handheld device

Non-toxic

Mercury free, not produce harmful substances, and ozone, is a safer and more environmentally friendly light source

Low calorific value

Cold light source, no heat radiation, especially suitable for occasions with small temperature rise, such as LCD edge banding and film printing

Stable and easy to control

High energy, stable light output; accurate light angle, more convenient for optical design and control

Cost saving

the power consumption is only 10% of the traditional mercury lamp type, free maintenance