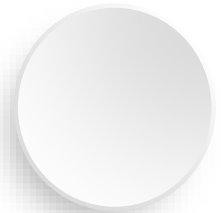




# UVC Tabletop Sterilizer

— GMY LIGHTING TECHNOLOGY CO., LTD. —





High Quality  
quartz tube



Aluminum Alloy  
Structure



Child Lock



Biosensing



3 Gear Timing



Voice Prompts

Size: 120\*120\*250mm

Weight: 680g

Lamp Power: 18W

Voltage: 220V

Frequency: 50Hz

Total Power: 24W

UV intensity:  $>60\mu\text{W}/\text{cm}^2$  @ 1m

Life: 9000h

Cable length: 3m

# Quartz UVC disinfection lamp

Using H-type single ended hot cathode ultraviolet lamp, it can obtain **higher ultraviolet radiation illuminance** than single tube

Compared with borosilicate glass, quartz glass has **higher UV transmittance, less light decay and longer life**

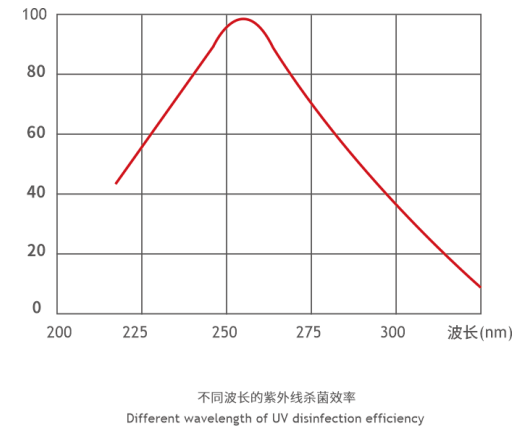
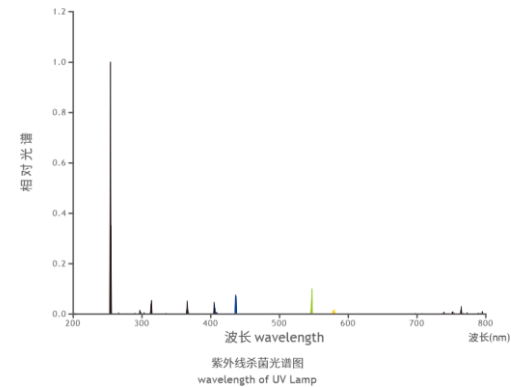
253.7nm ultraviolet light can easily kill all kinds of common germs ,including the **COVID-19**



紫外线对常见细菌的杀菌时间 (假设辐射强度:  $30000\mu w/cm^2$ )

UVC sterilization time for common bacteria (UVC intensity:  $30000\mu w/cm^2$ )

杀灭对象name		秒 (s)	杀灭对象name		秒 (s)
细菌类 Bacteria	炭疽杆菌 Bacillus Anthracis	0.3	霉菌孢子 Mould Spores	黑曲霉 Aspergillus Niger	0.3-0.7
	破伤风杆菌 Clostridium Tetani	0.3		毛霉菌属 Mucor Mucedo	4.6
	痢疾杆菌 Dysentery bacillus	1.5		青霉菌属 Penicillium Roqueforti	0.9-3.0
	大肠杆菌 Escherichia Coli	0.4	水藻类 Algae	兰绿藻 Blue-Green Algae	10-40
	葡萄球菌属 Staphylococcus	1.3		线虫卵 Nematode Eggs	3.4
	结核杆菌 Micobacterium Thberculosis	0.4		绿藻 Green Algae	1.2
病毒 Virus	嗜菌胞病毒 Bacteiphage	0.2	鱼类病 Fish Disease	原生动物类 Protozoa	4.0-6.7
	流感病毒 Influenza Virus	0.3		白斑病 Leukoderma	2.7
	脊髓灰质炎病毒 Poliovirus	0.8		传染性胰坏死 Infetions pancreatic necrosis	4.0
	乙肝病毒 Hepatitis B Virus	0.8		细菌性出血 Bacterial Hemorrhage	1.6



# 3 Gear timing & Child Lock

3 Gear timing (15, 30, 45min)

according to size of disinfection space

Equipped with a child lock function, which can only be operated after unlocking to avoid children's misuse



**Bathroom**

15min



**Bedroom**

30min



**Living Room**

45min

# Biosensing is safer

Microwave radar on 5.8GHz and the fourth FL+ algorithm can monitor the active life to guarantee the safety of life



If people or animals move within 5 meters before the lamp is started, the lamp will not start disinfection.



After the lamp is started, if there are people or animals moving within 5 meters, the lamp will suspend disinfection, and the disinfection will continue after the people or animals leave.



After the lamp is started, if people or animals enter the range of 5 meters and interrupt work 5 times, the sterilization operation will be cancelled



Every time the system is started, the core components will be self-checked, and if there is a fault, a corresponding prompt will be made to ensure 100% safety.

\*Because the radar work is greatly affected by environmental factors, the sensing range may be shortened, but the minimum is not less than 2 meters.



# Voice prompt, convenient operation



Please press and hold “Power” button for 3 seconds to unlock.



Please press “Timer” button to select duration



Press “Power” button to start the disinfection process.



Disinfection process has completed

# Aluminum alloy shell, patented structure

The shell is made of aluminum alloy stretched and formed by multiple CNC processes. It adopts a patented structure, which brings higher structural safety and excellent UV resistance, which can effectively protect the lamp tube while preventing material aging.



\*There was no change in properties when exposed to 30 times the intensity of ultraviolet radiation for more than 1000 hours.



 \*Customized LOGO and package available

# Long power cord



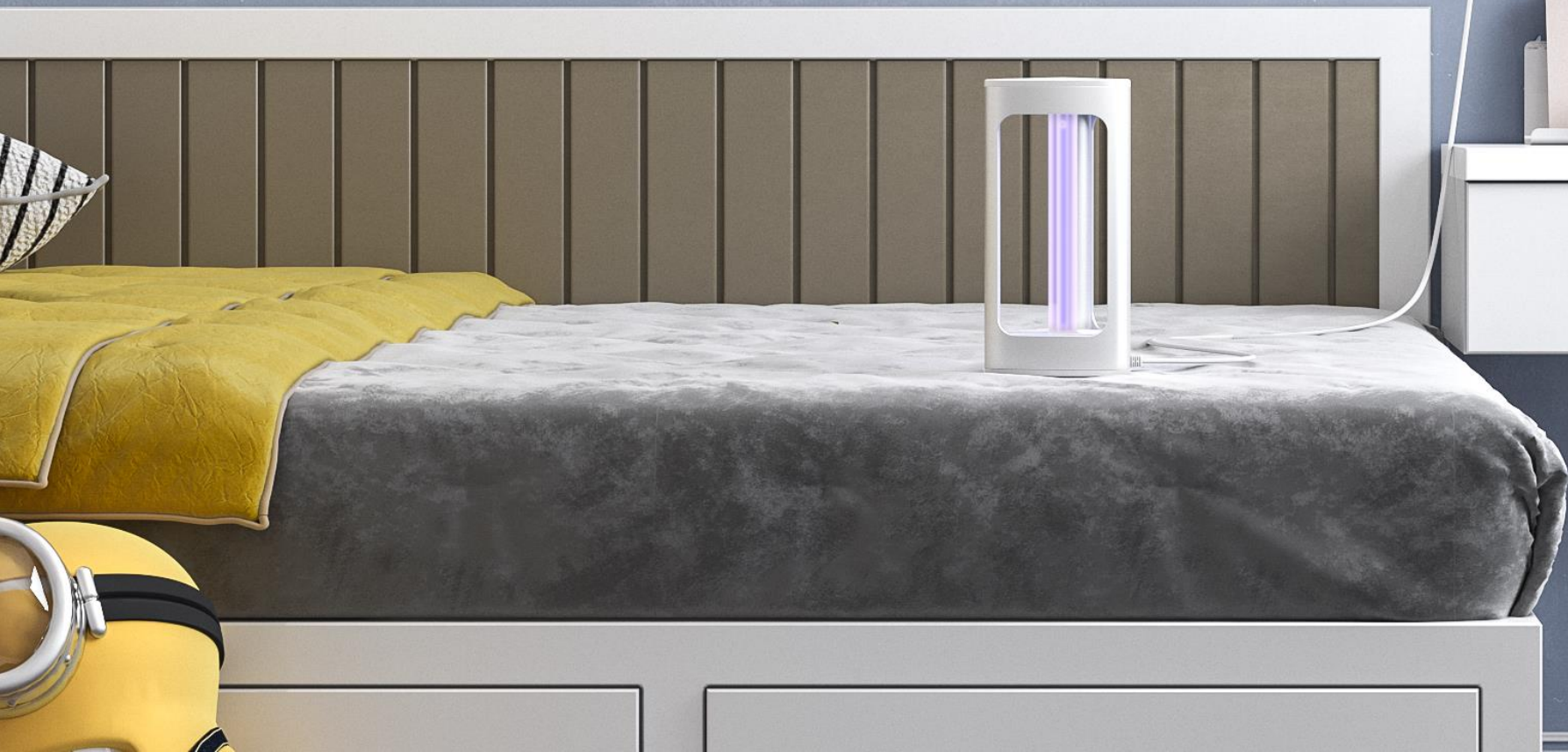
Conventional products are equipped with a 1.5-meter power cord as standard, which is often unable to find a socket.



Our product with 3 meters longer power cord, usually you can find the socket within a radius of 3 meters









# Thank You



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