



- * 5V1A charging function (Power bank can supply power).
- * Sterilization + lighting dual function
 - 0.18 meters (sterilization power 1W, lighting power 1W, CCT5000K)
 - 0.3 meters (sterilization power 2W, lighting power 2W, CCT5000K)
 - 0.6 meters (sterilization power 4W, lighting power 4W, CCT5000K)
- * Human body infrared sensor, the sensing distance is 0-3 meters.

99.99% sterilization rate
99.99% mite removal rate

Strong UV disinfection .
Home Security Guard



Warning

Do not expose to eyes and skin,
 Children are prohibited to use!

1. UV germicidal lamp principle:

Natural light UV profile UVC

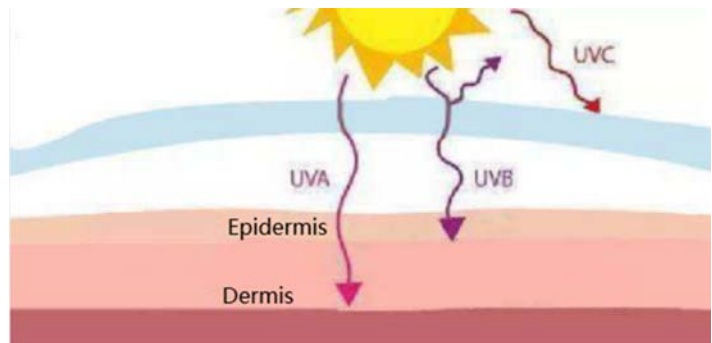
is fully absorbed by the ozone layer.

UVB Partially absorbed by the ozone layer

The ozone layer penetrates the earth's surface.

All UVA hits the earth's surface,

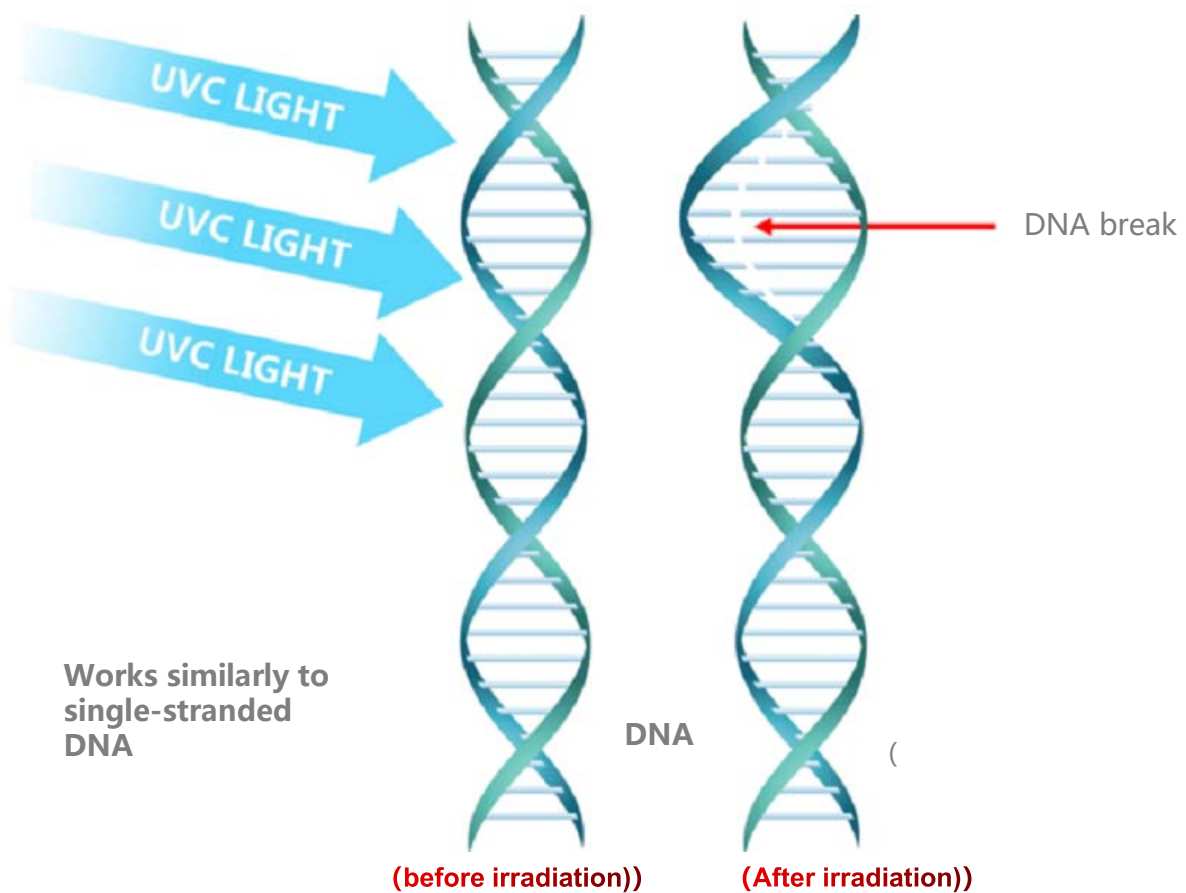
Even to the inner layers of the earth.



2. Ultraviolet spectrum sterilization process::

The absorption of light by bacteria / virus has a peak at 250-280nm. The absorbed ultraviolet light can destroy the structure of its genetic material DNA.

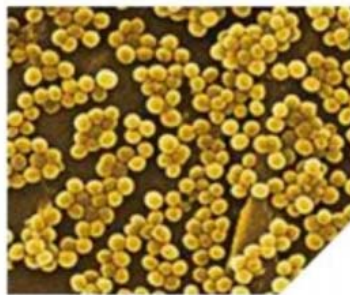
To cause death or loss: reproduction ability to achieve the purpose of sterilization..



3. UV spectrum sterilization ratio:



E. coli kill rate is 99.40%



Staphylococcus aureus kill rate 99.39%



Candida albicans kill rate 99.06%

4. Uses of Deep UV LEDs:

VUV	UVC	UVB	UVA
< 200nm	200 – 280 nm	280 – 320 nm	320 – 400 nm
Surface treatment to produce ozone industrial water equipment	Sterilize, disinfection	Cosmetic, medical, industrial surface technology applications	Beauty, medical, solarium, industrial surface technology applications

0.18m

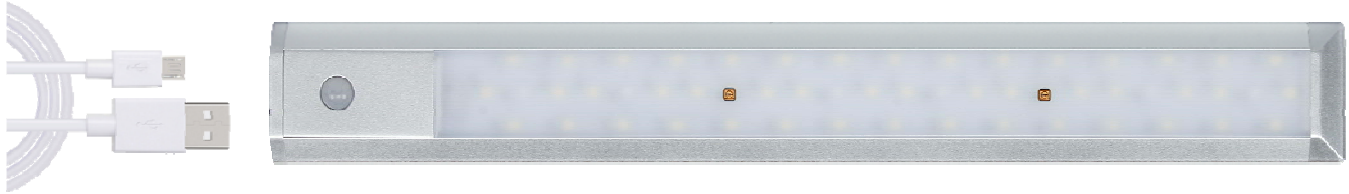


0.3m



0.6m





Advantages of Deep UV LEDs :

- **Safety:** Low voltage, no ozone generation, no mercury.
- **High efficiency:** Irradiance
- **Environmental protection:** UV LED does not contain any toxic substances.
- **Reliable:** switch characteristics, service life, low temperature use
- **Convenient:** small size, low voltage, low current. However, compared with mercury lamps: LED and mercury lamps are currently not a substitute relationship, and are still complementary.

Compared with traditional mercury mercury lamps, deep ultraviolet LEDs have the following characteristics:

- Single wavelength, adjustable wavelength, half-wave width is less than 10nm
- High irradiance (light intensity per unit area), although the radiant power is very low.
- High frequency response
- Very small size
- Low voltage and low current
- Irradiation intensity can be adjusted
- Long life: At present, mass-produced products have reached 20,000 hours (50% light decay)

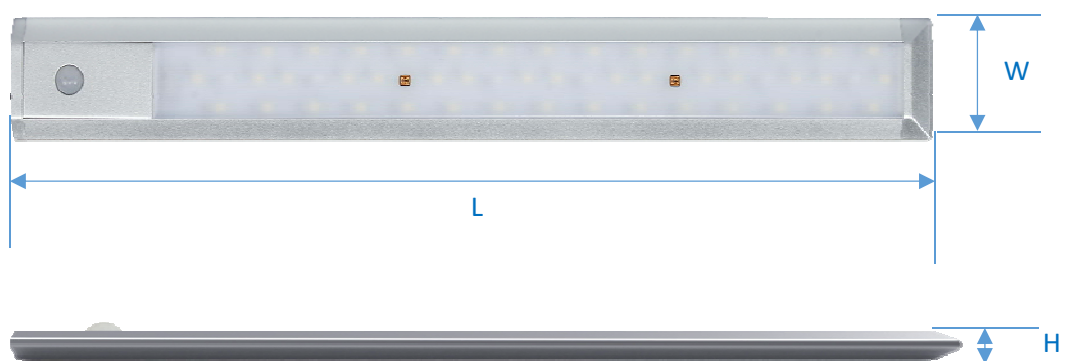


1. People, animals and plants must leave the site and avoid looking directly at the UV light source
2. After sterilization, please ventilate with the scene to dispel the odor remaining after the death of bacteria and viruses
3. When using it many times in the later period, please clean the lamp with a clean cloth to maintain the sterilization effect.

Product	RS.UVC.C.011	RS.UVC.C.012	RS.UVC.C.013
Power	2+2W	4+4W	1W+1W
Product Size	L300*W40*H10mm	L600*W40*H10mm	L180*W40*H10mm
Battery	1000mA	2000mA	600mA
wavelength	275+360nm/5000k		
LED Brand	LED(UVA+UVC) / WW		
Performance 1	Sterilization + lighting		
Performance 2	Human body infrared sensor		
Operating temperature	-20 °C to +45 °C		
Beam angle	140°		
IP Rating	IP20		
Lamp Material	Aluminum+PC		
Input voltage	DC5V		
Shell Color	Silver		
Lumen maintenance rate	> 20,000 hours-at 25°C		
inner box	335*79*30MM (1/1)	638*79*30MM (1/1)	215*79*30MM (1/1)
Packaging Type	345*335*180MM (20 /1)	650*335*180MM (20 /1)	445*335*180MM (1/40)
Net weight	122g	207g	71g
Gross weight	6.52KG	10.84KG	10KG

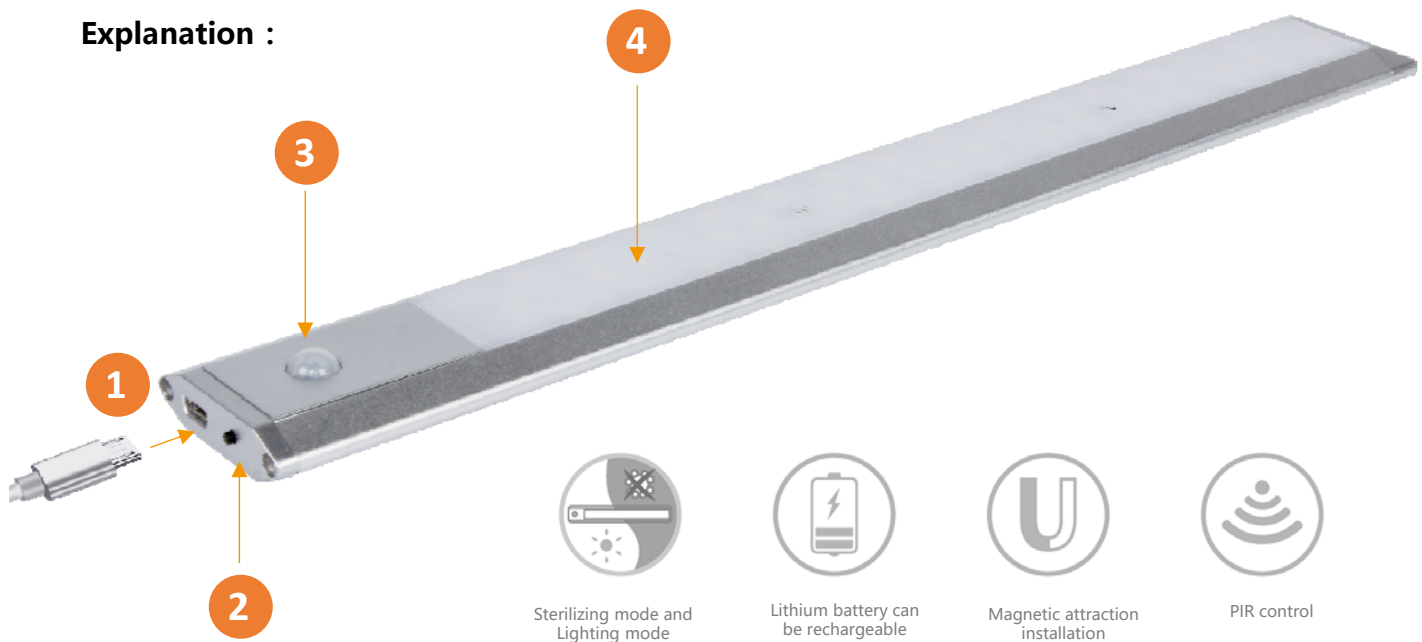
The tolerance range of test data above is $\pm 6\%$, but normally warm white is $\pm 8\%$.

Product Size(mm):



Nominal No.	L	W	H
	300mm	40mm	10
	600mm	40mm	10
	180mm	40mm	10

Explanation :



1. Charging hole

5V1A charging function (can be charged by supply power), fully charged can use 1-1.25 hours

2. Switch

Touch the key switch, short press for lighting mode, long press for 5 seconds for sterilization mode. Short press again to power off.

3. PIR sensor

detection distance: 0-3m

4. Type of light source

UVC+UVA

Lighting function:

Usage: Press the switch, goes to lighting mode.

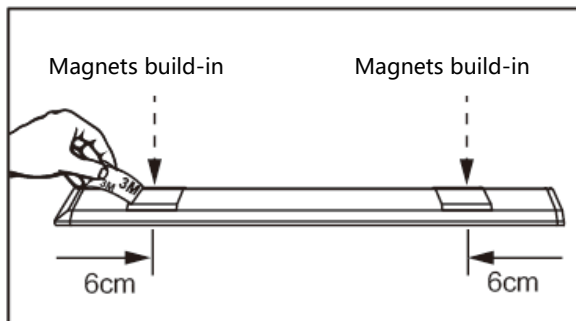
1. The light turn on automatically if there has human body induction when opening the wardrobe door, there will be always light on if there has any detection of people.(Detection distance: 0-3m)
2. The white light will be turn off automatically after bright for 20seconds when close the wardrobe door.

lighting + steralizing mode

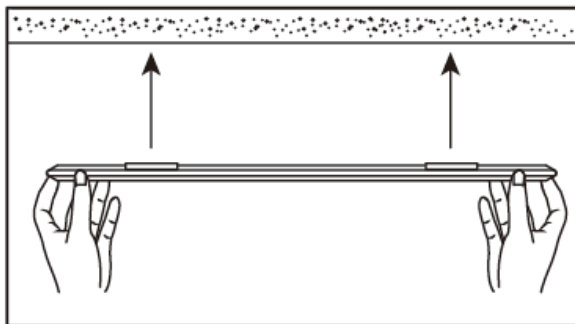
Usage: Press and hold for 5 seconds,

1. The light turn on automatically if there has human body induction when opening the wardrobe door, there will be always light on if there has any detection of people.(Detection distance: 0-3m)
2. 20 seconds after the person leaves, it will automatically turn to purple UVC and continue to sterilize for 59 seconds. It will stop working automatically after 59seconds.
3. When in UVC sterlizing function, it will be automatically turn off and turn into ordinary white light when there is any detection of people close by.

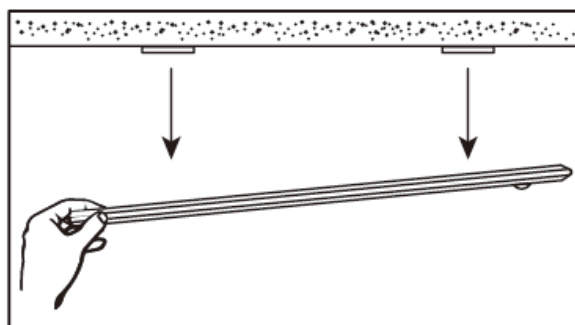
Installation :



1.Remove the base paper from 3M (Magnets build-in, 6CM from the body edge)



2.Paste in place.



3.The lamp body can be moved away when charging.

Application:

Cabinet / Shoe Closet / Wardrobe



How do we know if there is a sterilization effect without professional testing equipment?
Only the smell of the sun is really effective

Quality assurance:

1. Quality assurance is based on the correct storage, transportation, installation, use and maintenance of the product.
2. Man-made damage or product failure caused by improper use is not covered by the warranty.
3. During the warranty period, the company chooses the appropriate warranty service according to the actual situation, including repairing and replacing parts or replacing new products.
4. Warranty 2 years.

Safety warning:

Non-professionals should not perform related operations.

1. Please check the packaging and product integrity before installation. If the product is damaged due to transportation, it is prohibited to use it.
2. Avoid objects hitting or pressing the product.
3. Handle gently during transportation and installation.
4. Do not power on the product before it is installed. Please turn off the power before cleaning.
5. Avoid cleaning the surface of the lamp with chemical and corrosive materials.
6. Do not touch when the light is on.
7. It is normal for the lamp to heat up when lit.



Warning

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