LUXX Light Technology

UV-C Disinfection Product Catalogue

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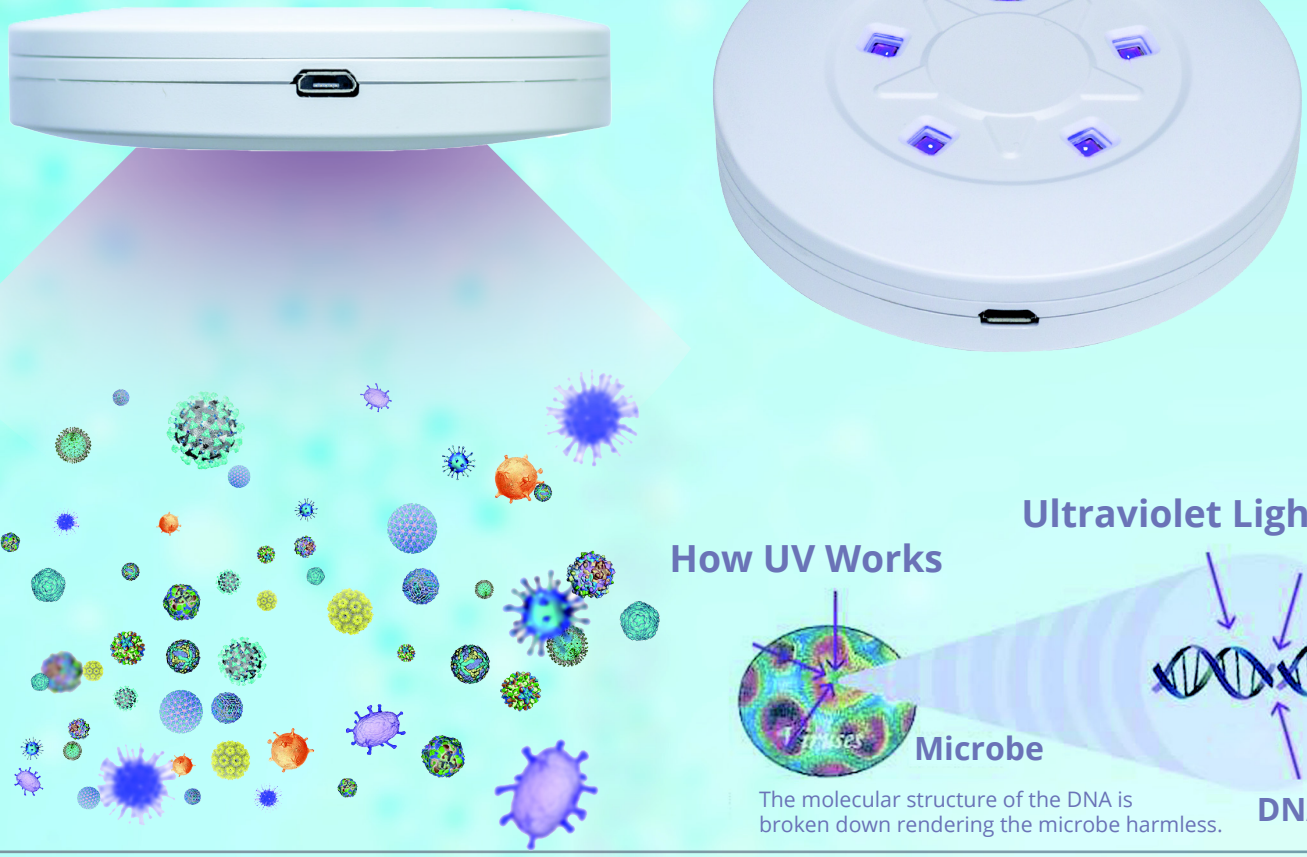

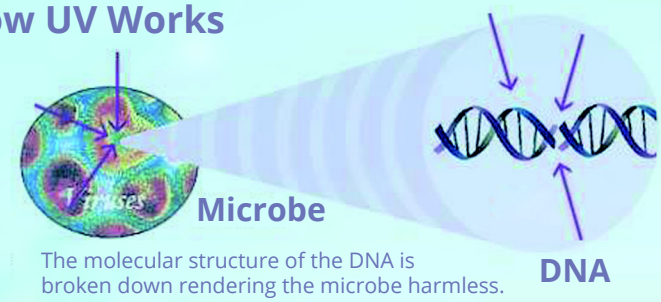

UV-C Puck Light

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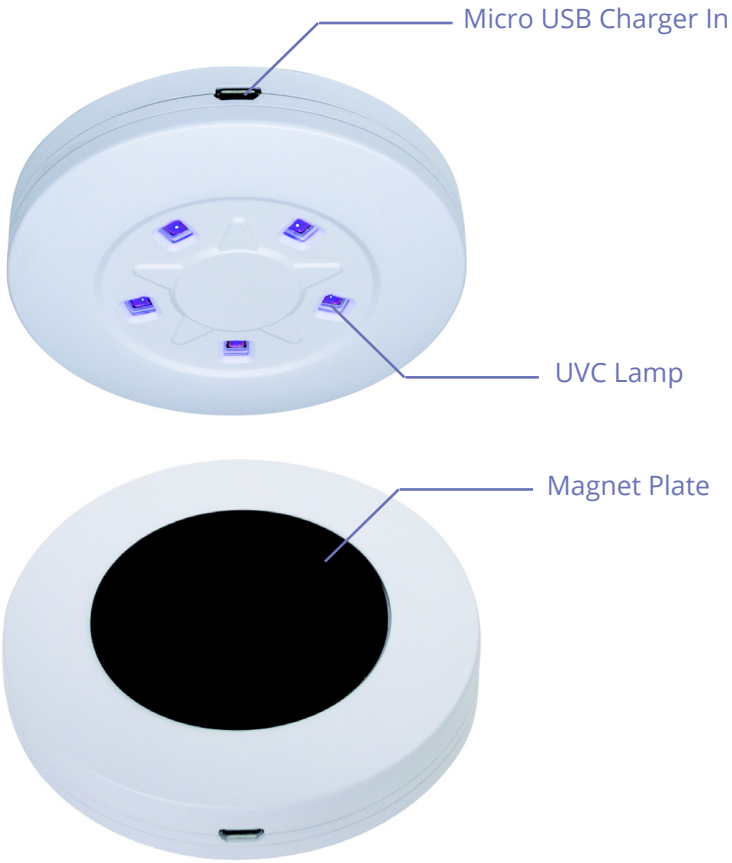
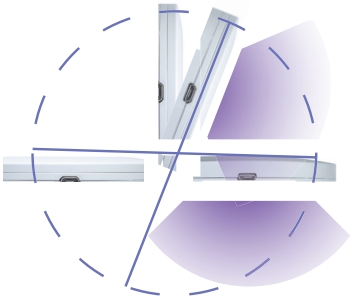
UV-C Puck Light



Features

- Slim and portable design.
- Double safety insurance with rotating switch and gravity sensor.
- Disinfection in 20 seconds, kill 99.9% of bacteria.
- Easy installation with magnet plate on the back.

Rotating 36° to turn the light on



Operation Instruction

Two Steps to turn on the light

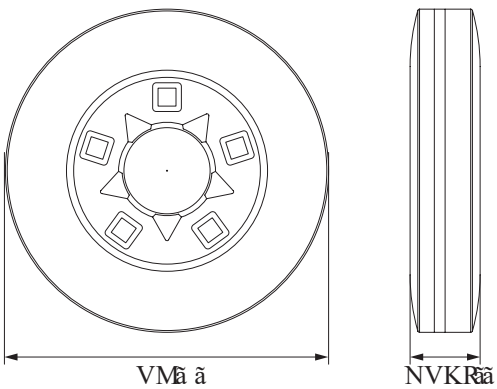
1.Turning the light side down.

2.Rotating the upper cover.

Product Description

Model No	PT-UVC2-2W
Voltage	5V
Power	2.5W
Wavelength	275nm+400nm
Lamp	LED
Controls	Rotating Switch+Gravity Sensor
Timer	4 minutes
Sanitizing time	20-120 Seconds
Sanitizing efficiency	99.9%
Battery	750mA
Charging interface:	Micro USB

UV-C Puck Light Size



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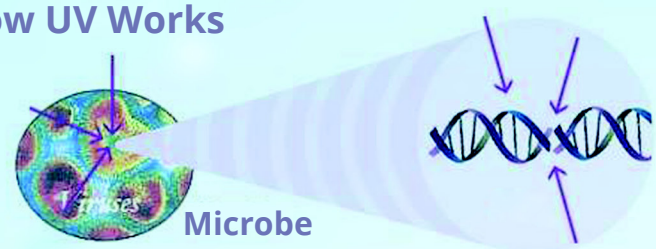
Ultraviolet Light

How UV Works



The molecular structure of the DNA is broken down rendering the microbe harmless.

UV-C Disinfection Box

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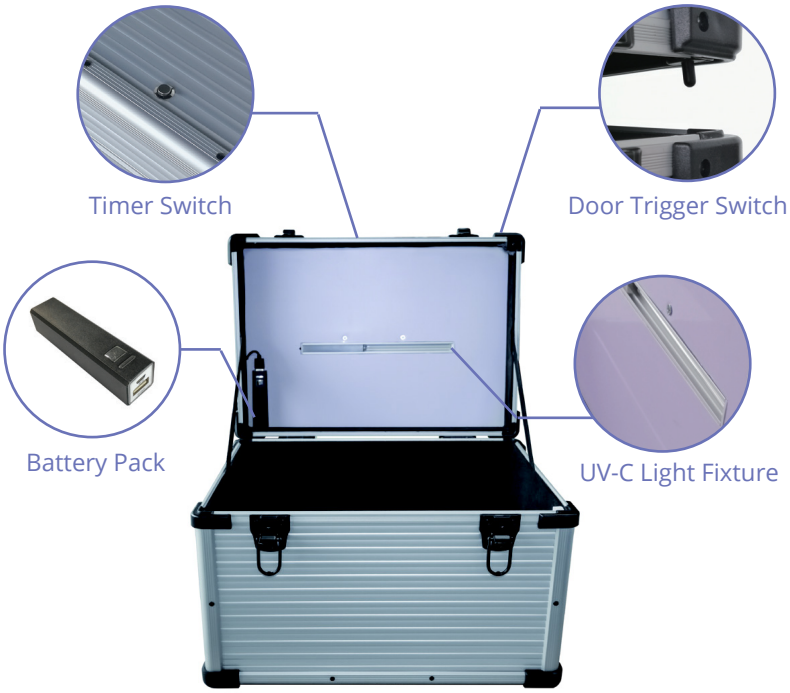
UV-C Disinfection Box



Features

- Big volume, ideal for sanitizing 20 devices at a time.
- 20 seconds UV-C light cycle kills 99% of germs and bacteria.
- Built-in timer, 0~30 minutes adjustable.
- Built-in door trigger switch.
- High quality aluminum box.

Operation Instruction

1.Put objects into the box

2.Close the lid, the door trigger switch is connected

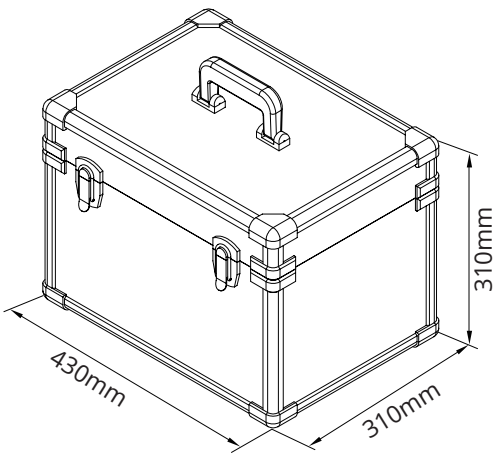
3.Press the timer switch on the top of the box to tart the UV-C lamp

4.Sanitizing finish in 20 seconds

Product Description

Model No	ST-UVC5-5W
Voltage	5V
Power	4W
Wavelength	253nm
Lamp	CCFL
Controls	Door trigger switch
Timer	0-30 minutes
Sanitizing time	20-120 Seconds
Sanitizing efficiency	99.9%
Battery	5V,2000mA
Charging interface:	Micro USB

Size



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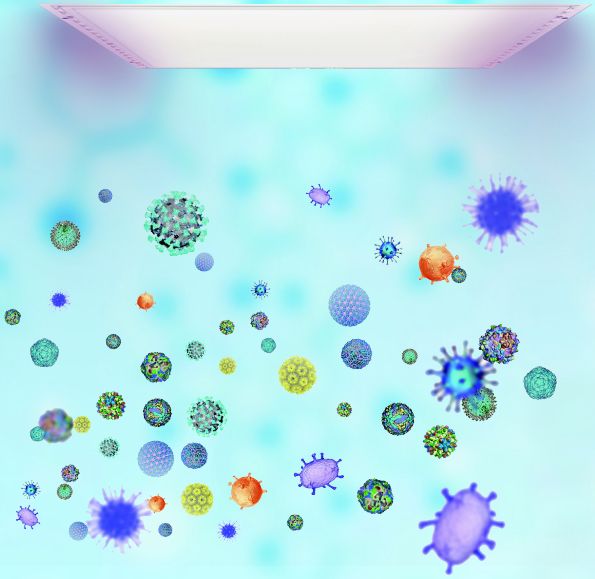
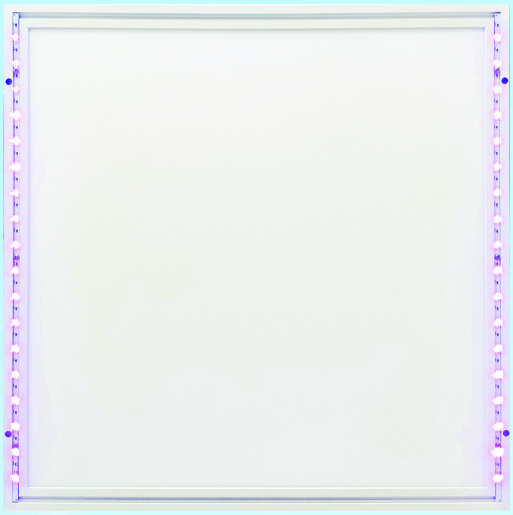
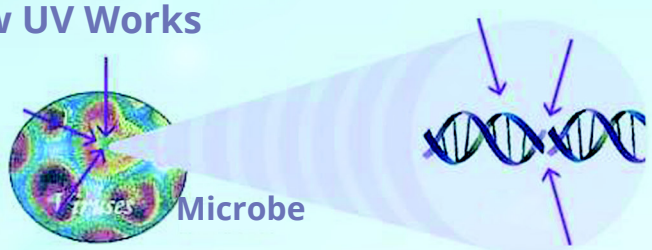




Ultraviolet Light

How UV Works



The molecular structure of the DNA is broken down rendering the microbe harmless.

UV-C Light Panel

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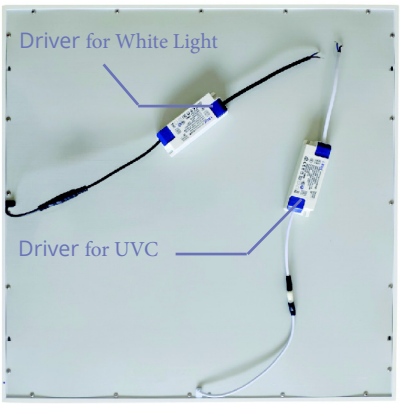
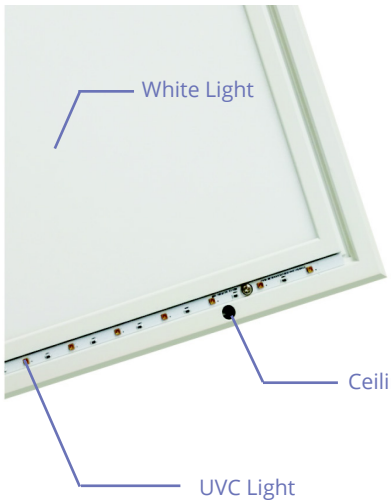
UV-C Light Panel

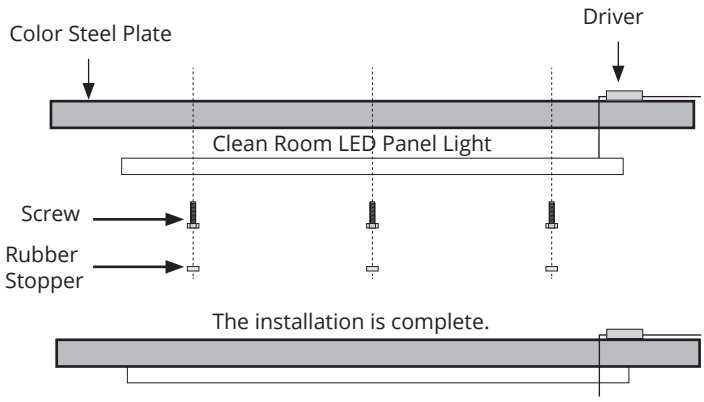




Features

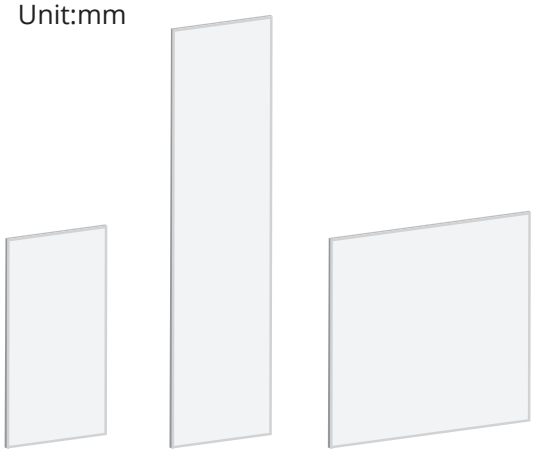
- Ultra-thin design- 12mm.
- White Light + UVC light integrated.
- Disinfection in 20 seconds, kill 99.9% of bacteria.
- Two power supplies (one for white light, one for UVC).

Installation Guide



Size

Unit:mm



Product Description

Model No	LP-UVC3-3060	LP-UVC3-6060	LP-UVC3-30120
Watt (W)	25W+10W(UVC)	40W+20W(UVC)	40W+20W(UVC)
Dimension (mm)	300*600*12	600*600*12	300*1200*12
Input Voltage (V)	AC 100-240V		
LED Model	SMD 2835, 0.2W,30-32lm Ra:80/UVC SMD3535 270-280nm		
LED Qty (PCS)	144+18(UVC)	192+36(UVC)	216+36(UVC)
Installation	Surface mounted		

Safety Instructions

1.Read and save all notices, warnings and safety instructions received with equipment.
2. Avoid exposure to direct or reflected germicidal ultraviolet rays. They are harmful to eyes and skin.
3.Do not alter the construction or design. Do not remove safety labels or devices.
4.Do not use equipment for other than its intended purpose, as described in the equipment manual.
5. Do not operate equipment if the power cord and/or plug are damaged, or if any other damage to the unit is visible or suspected.
6. Utility power must match power requirements listed on the unit label.
7. Equipment should be protected from the elements and from temperatures below freezing.
8. Do not exceed equipment's maximum rated flow capacity and/or operating pressure.

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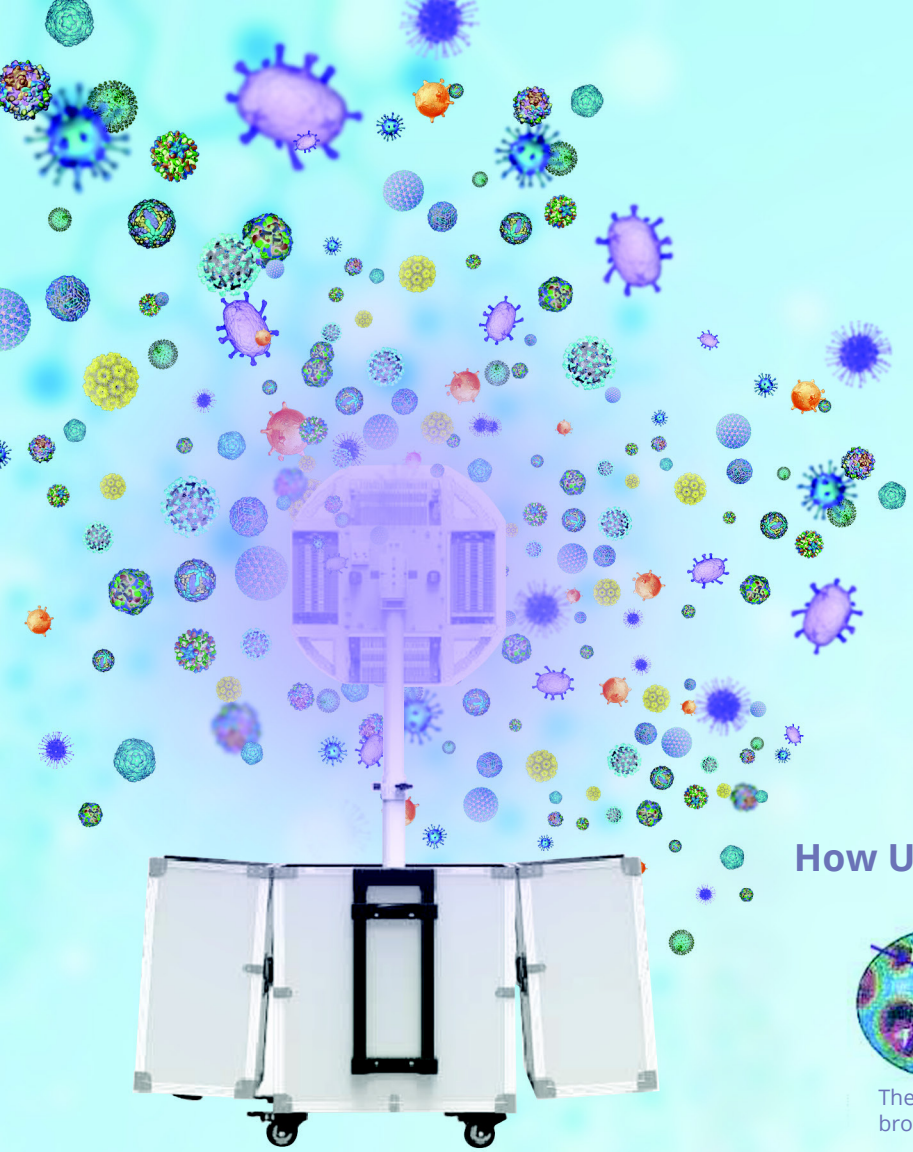
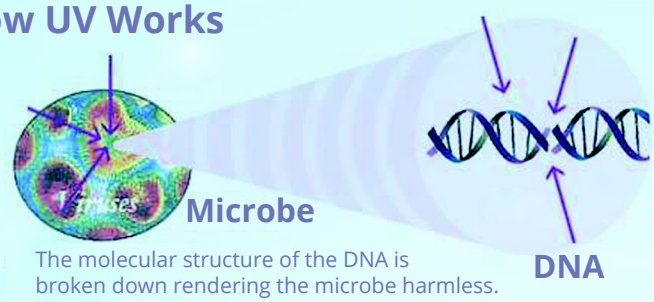


How UV Works



The molecular structure of the DNA is broken down rendering the microbe harmless.

Omni Directional UV-C Disinfector

Why Use Continuous UVC to Disinfect?

UVC's wavelength is germicidal—meaning it is capable of inactivating microorganisms, such as bacteria, viruses and fungi. This quality makes UVC an effective, environmentally-friendly and chemical-free way to eradicate dangerous microorganisms in any environment.

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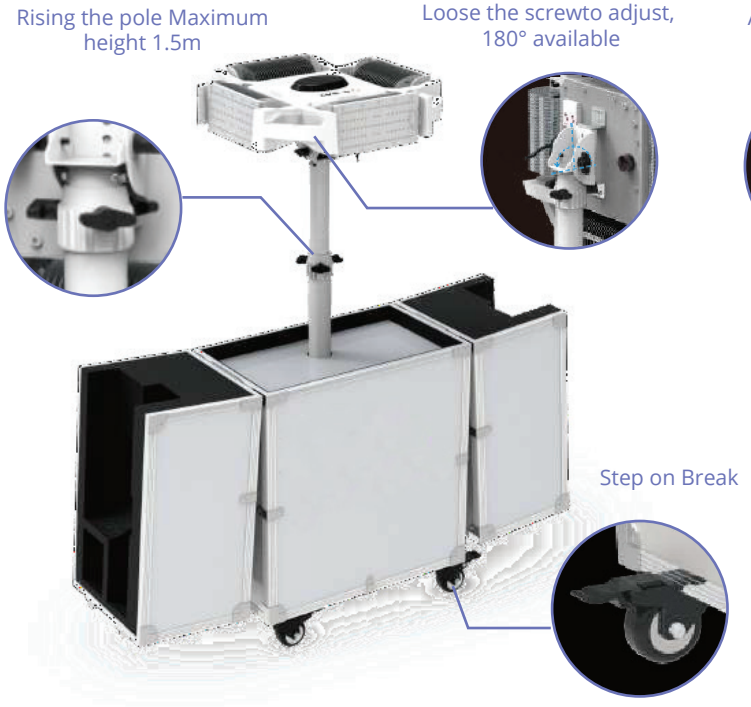
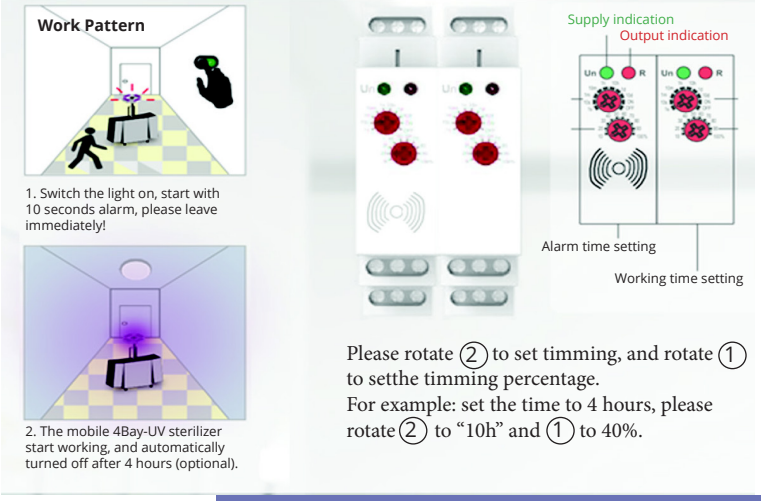
Omni Directional UV-C Disinfector



Features

- Spectral Wavelength: 200-280nm
- Mobile & Single Placement
- Motion Sensor Protection
- Flexible Target Disinfection Area
- Easy to transport and store



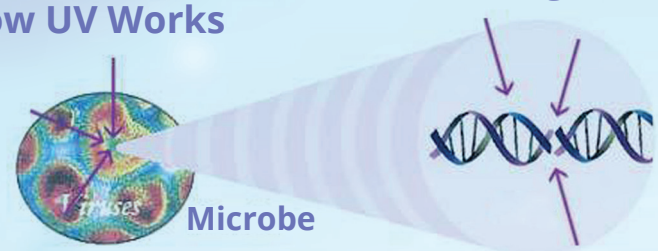
Product Description

Wattage	50W	100W	150W	200W
Limiting altitude	1.5m			
Horizontal rotation	X-360°			
Vertical rotation	Y-180°			
Size	500x300x1030mm			

Wattage	Weight	Size	Gross Weight of Carton	Size of a Carton
50W	17.60kg±5%	500x300x1030mm	31.00kg	530x360x1080mm
100W	17.65kg±5%	500x300x1030mm	31.05kg	530x360x1080mm
150W	17.85kg±5%	500x300x1030mm	31.25kg	530x360x1080mm
200W	18.00kg±5%	500x300x1030mm	31.50kg	530x360x1080mm

Size

How UV Works



The molecular structure of the DNA is broken down rendering the microbe harmless.

UV-C Cannon

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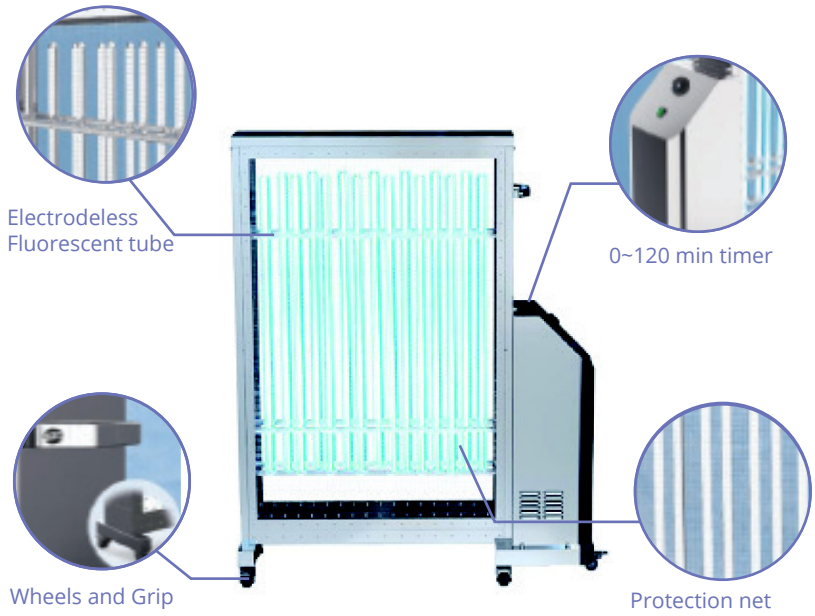
UV-C Cannon



Features

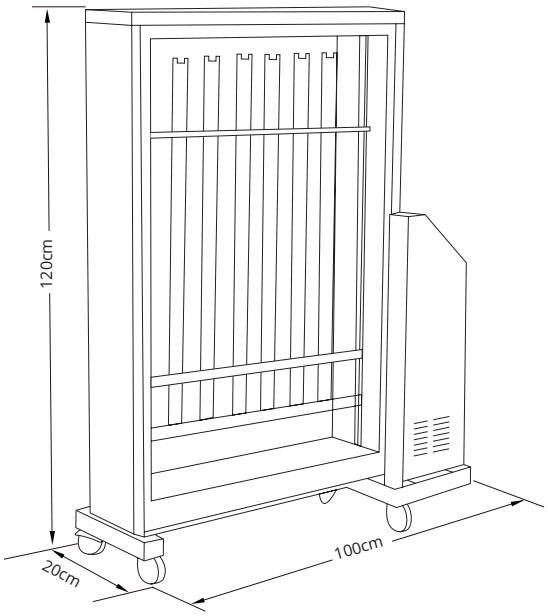
- Designed for big area sanitizing, apply to 30 ~200m² area
- Ten minute UV C light cycle kills 99% of germs and bacteria
- Built in timer, 0 ~120 minutes adjustable.
- Use high efficiency electrodeless fluorescent tube.
- Stainless frame on a base with wheels, easy to move.

Operation Instruction

1. Move the light into target area.
2. Connect to main power.
3. Close all windows and doors.
4. Select the disinfection time and press the power button.

Size

Unit:cm



Product Description

Model No	LC-UVC10 1000W
Voltage	110 / 220V
Power	100W
Wavelength	253nm
Lamp	Electrodeless fluorescent tube
Controls	12s delay switch
Timer	0-120 minutes
Sanitizing time	20-120 Seconds
Sanitizing efficiency	99.9%
Effective range:	30~200m²

Safety Instruction

1. Read and save all notices, warnings and safety instructions received with equipment.
2. Avoid exposure to direct or reflected germicidal ultraviolet rays. They are harmful to eyes and skin.
3. Do not alter the construction or design. Do not remove safety labels or devices.
4. Do not use equipment for other than its intended purpose, as described in the equipment manual.
5. Do not operate equipment if the power cord and/or plug are damaged, or if any other damage to the unit is visible or suspected.
6. Utility power must match power requirements listed on the unit label.
7. Equipment should be protected from the elements and from temperatures below freezing.
8. Do not exceed equipment's maximum rated flow capacity and/or operating pressure.

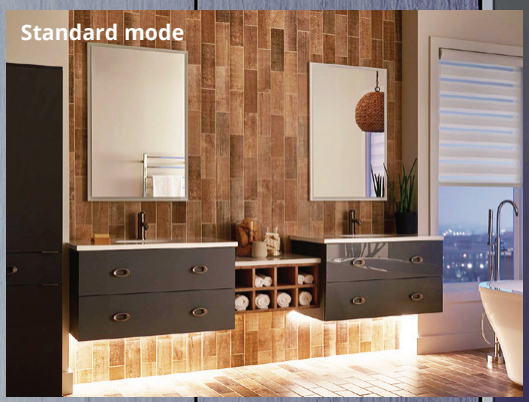
Smart PIR Sensor, Safety is Top Priority

It will stop sterilization when people are detective by sensor within 3 meters. The UVC light will continue to work in UVC model when nobody is detective and cumulative working time is 60 minutes.

UV-C Cabinet Light

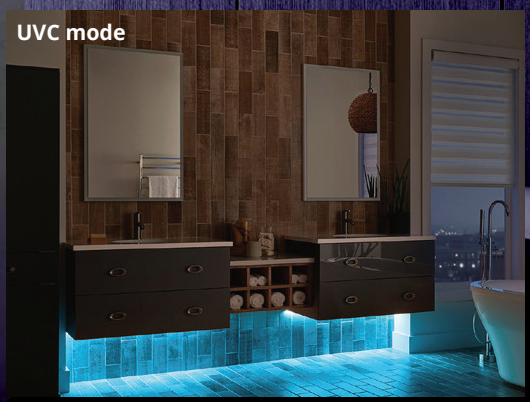
Dual models,One-click switch,Time-delayed startup

Two modes: Standard mode, UVC mode, One-click switch function. UVC mode will start working after 30S if press the switch. UVC mode will automatically shut down after 60 minutes sterilization.



Standard mode

It will be in normal lighting mode after connecting to power. Its CRI is more than 80, which restore natural color.



UVC mode

It will automatically start working after 30S if press the button. The sterilization mode will last for 60 minutes.

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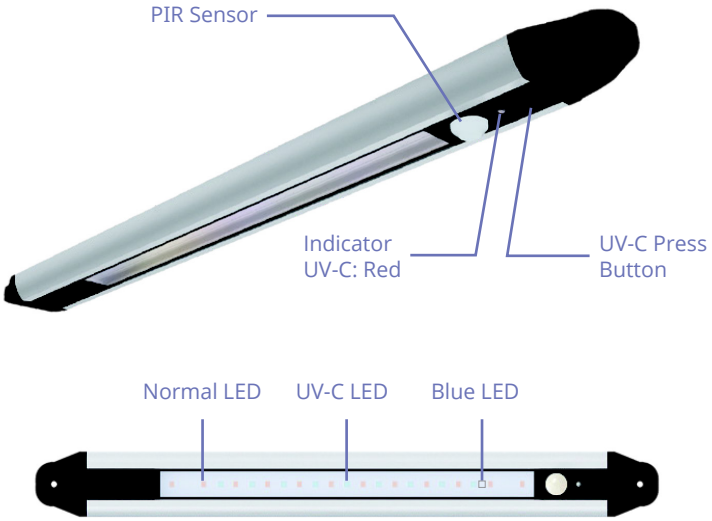
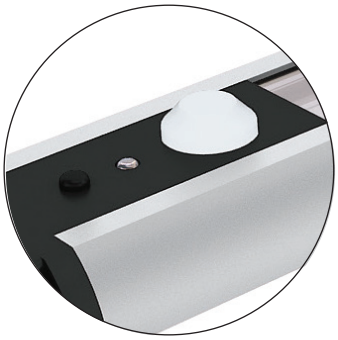
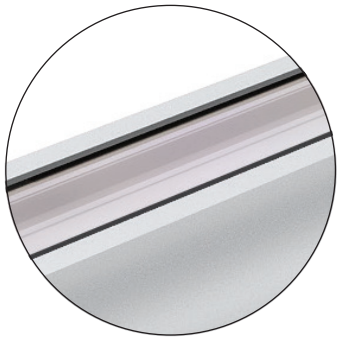
UV-C Cabinet Light



Detail



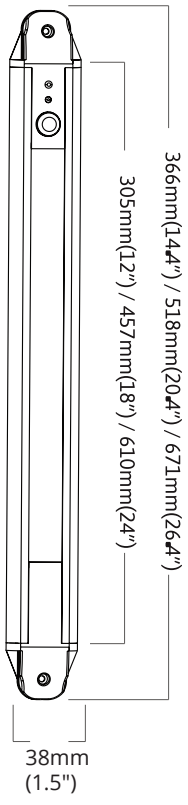


Product Description

Standard Mode

Art. No	UB-UVC-LS6W	UB-UVC-LS9W	UB-UVC-LS12W
Power Consump on	6W	9W	12W
Color Temprature	3000K		
Luminous Flux	500lm	800lm	1000lm
Dimension	305x38x13mm	457x38x13mm	610x38x13mm
Shell Material	Al+silica glass		
Input Voltage	AC100-240V		
LED Driver	Plug-in 12W		

Detail



UV-C Mode

Art. No	UB-UVC-LS6W	UB-UVC-LS9W	UB-UVC-LS12W
Power Consump on	2.5W	4.5W	5.4W
UV-C Radiated opticalpower	36mw	60mw	72mw
UV-C LED Wavelength	UVC 270-280nm		
Sterilization Time-delayed	30s		
Cumulative working time	60min		
Input Voltage	100-240VAC		
LED Driver	Plug-in 12W		

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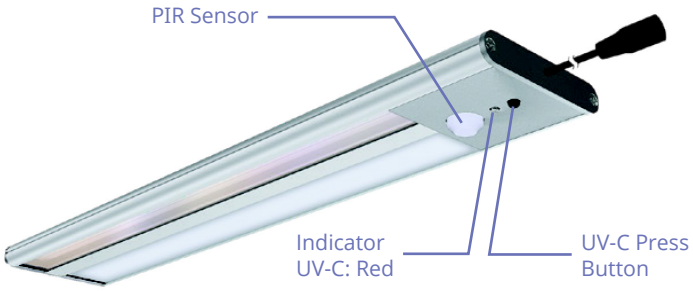
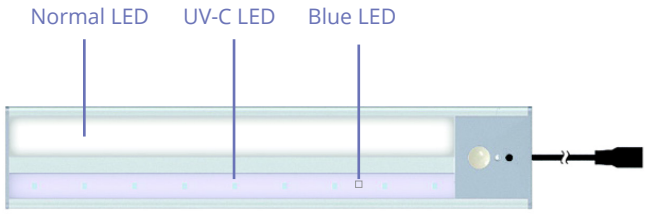
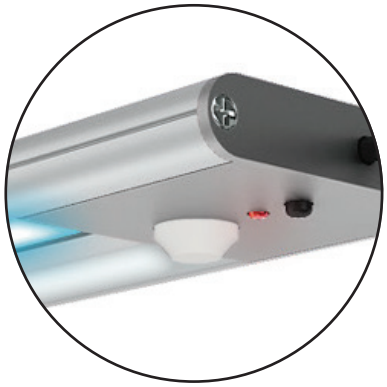
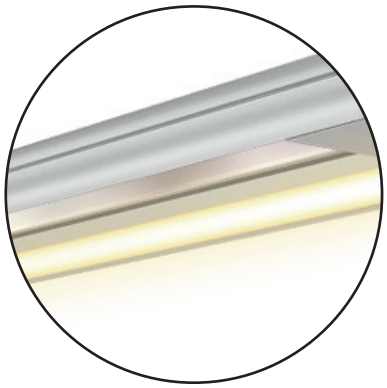
UV-C Cabinet Light





Detail





Product Description

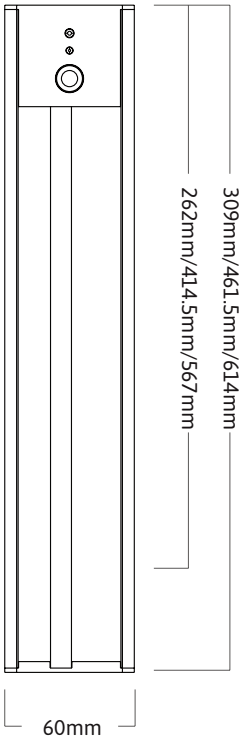
Standard Mode

Art. No	UB-UVC-LSB6W	UB-UVC-LSB9W	UB-UVC-LSB12W
Power Consump on	6W	9W	12W
Color Temprature	3000K		
Luminous Flux	500lm	800lm	1000lm
Dimension	309x60x11.2mm	461.5x60x11.2mm	614×60×11.2mm
Shell Material	Al+silica glass		
Input Voltage	AC100-240V		
LED Driver	Plug-in 12W		

UV-C Mode

Art. No	UB-UVC-LSB6W	UB-UVC-LSB9W	UB-UVC-LSB12W
Power Consump on	2.5W	4.5W	5.4W
UV-C Radiated opticalpower	36mw	60mw	72mw
UV-C LED Wavelength	UVC 270-280nm		
Sterilization Time-delayed	30s		
Cumulative working time	60min		
Input Voltage	100-240VAC		
LED Driver	Plug-in 12W		

Size



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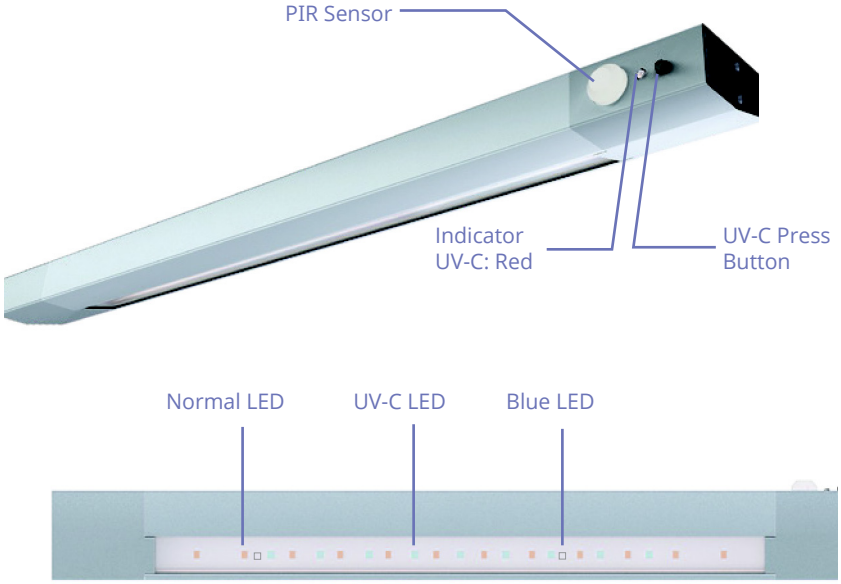
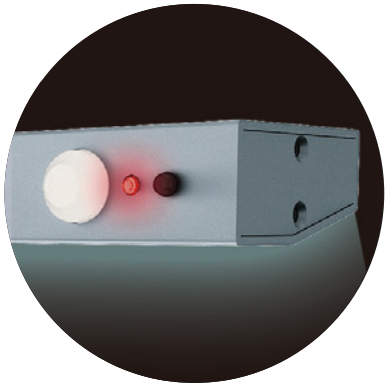
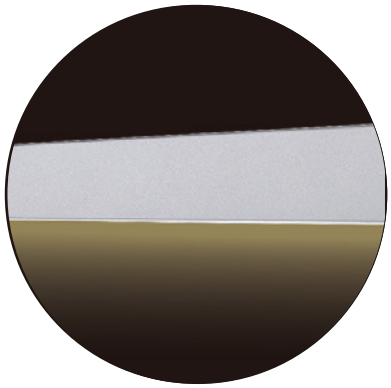
UV-C Cabinet Light



Detail





Product Description

Standard Mode

Art. No	UB-UVC-LSC6W	UB-UVC-LSC9W	UB-UVC-LSC12W
Power Consump on	6W	9W	12W
Color Temprature	3000K		
Luminous Flux	500lm	800lm	1000lm
Dimension	315x40x20mm	467.5x40x20mm	620×40×20mm
Shell Material	Al+silica glass		
Input Voltage	AC100-240V		
LED Driver	Plug-in 12W		

UV-C Mode

Art. No	UB-UVC-LSC6W	UB-UVC-LSC9W	UB-UVC-LSC12W
Power Consump on	2.5W	4.5W	5.4W
UV-C Radiated opticalpower	36mw	60mw	72mw
UV-C LED Wavelength	UVC 270-280nm		
Sterilization Time-delayed	30s		
Cumulative working time	60min		
Input Voltage	100-240VAC		
LED Driver	Plug-in 12W		

Detail

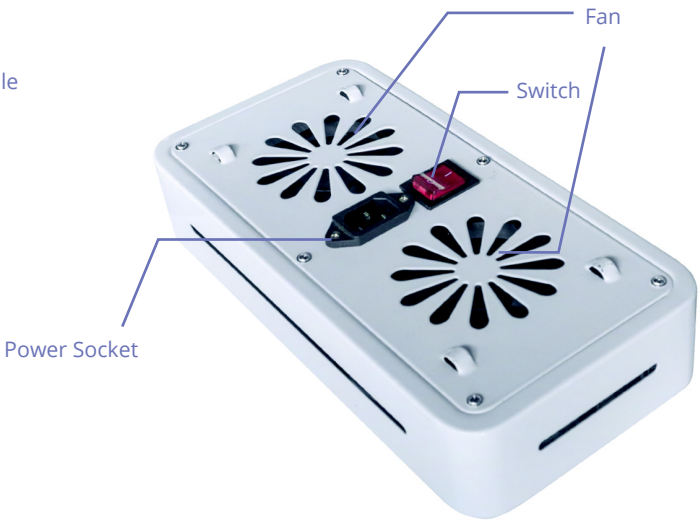
LUXX Light Technology

UV-C Disinfection Module

- Powerful UV-C module, 50W.
- 20 seconds UV-C light cycle kills 99.9% of bacteria.
- Two Built-in fans for heat dissipation.

Product Description

Model No	HD-UVC2-50W
Voltage	AC110-240V
Power	50W
Wavelength	270-280nm
Lamp	UV-C LED
Controls	Mechanical Switch
Sanitizing time	20-120 Seconds
Sanitizing efficiency	99.9%



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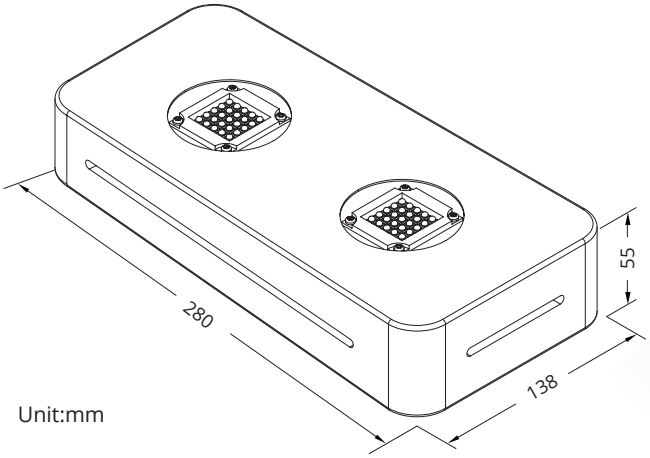


Unit:mm

Rigid UV-C LED Bar

- Solid design, 2mm thick aluminum PCB.
- UVC LED + Blue LED integrated.
- Disinfection in 20 seconds, kill 99.9% of bacteria.
- 4 different currents and powers for option.

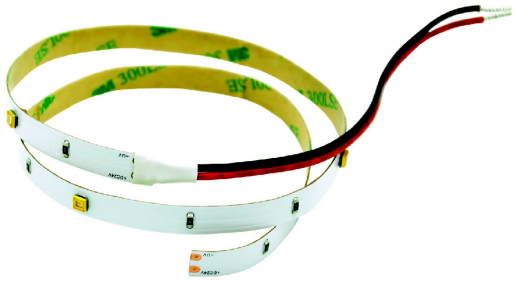
Product Description

Model No	LS-UVC4-30	LS-UVC4-60	LS-UVC4-100	LS-UVC4-150
Current	30mA	60mA	100mA	10mA
Power	UVC LEDs: 5W Blue LEDs: 3.3W	UVC LEDs: 10W Blue LEDs: 3.3W	UVC LEDs: 16.8W Blue LEDs: 3.3W	UVC LEDs: 25W Blue LEDs: 3.3W
Voltage	24V			
LED	21 UVC LED (3535 Package), 42 Blue LED (2835 Package)			
Wavelength	UVC LED: 265-280nm, Blue LED: 395nm			
PCB Dimension	L600*W20*H2 mm			
PCB Material	Aluminum			

Size

Flex UV-C LED Strip

Features

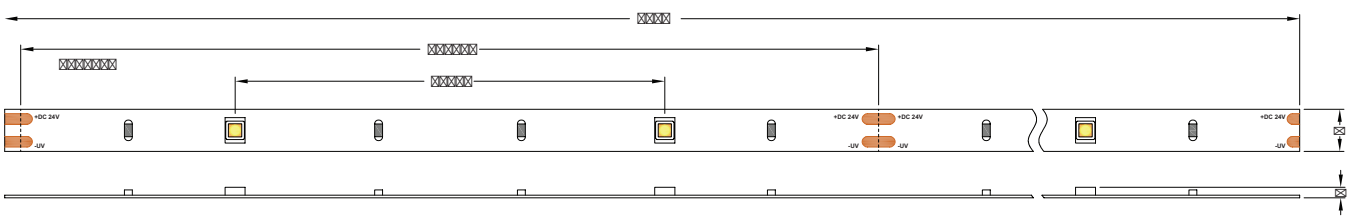


- Slim design, 8mm width flexible PCB
- 3737 UV-C LED
- Disinfection in 20 seconds, kill 99.9% of bacteria

Product Description

Model No	FS-UVC5-3W
Voltage	24V
Power	3W/m
LED	12 LED/m (3737 Package)
Wavelength	270-280 nm
PCB Width	8mm
Cutting Lendth	166.66mm
Sanitizing time	20-120 Seconds

Size



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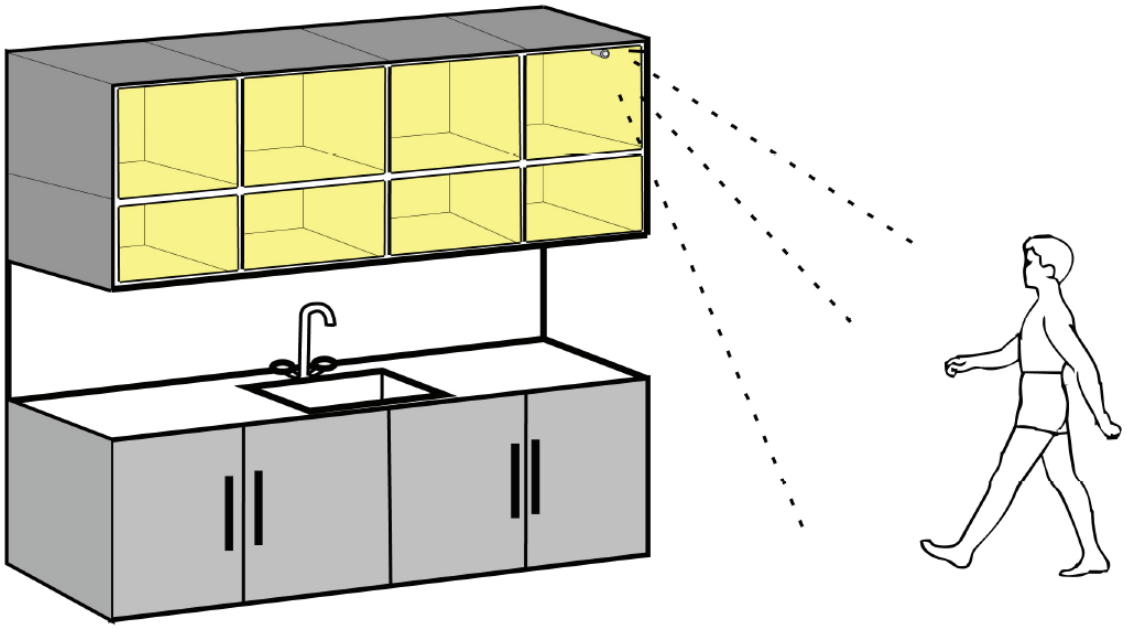
PIR Motion Sensor Switch

Model No	PS101
Voltage	12/24V
Max Load	60W
Sensor Type	PIR Motion sensor
Detecting Angle	140°
Detecting Distance	3m
Delay time	15s (customized)
Material	Plastic
Color	White/Black
IP Rating	IP20
Wire	AWG#22
Mounting	Recessed
Accessories	None

Model No	PS102
Voltage	12/24V
Max Load	60W
Sensor Type	PIR Motion sensor
Detecting Angle	140°
Detecting Distance	3m
Delay time	15s (customized)
Material	Plastic
Color	White/Black
IP Rating	IP20
Wire	AWG#22
Mounting	Surface/Recessed
Accessories	None



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