

*Cutting-Edge
Technology*

SunClean™ Lighting

Just change the light!

Easily prevent contamination!

Ensure the safety of family members and employees.



59S®
GLOBAL LEADER
UVC DISINFECTION

SunClean™ Downlight

Just change the light!

Easily prevent contamination!
Ensure the safety of family members and employees.



59S SunClean™ Lighting is blazing the trail in integrating UV-C disinfection into LED lighting. This series of unprecedented health-protecting lighting products provide the three-fold usage of surface disinfection, air-cleaning, and illumination. Boasting a disinfection rate up to 99.9%*—with no excess radiation, no ozone produced, and no residual chemicals—and a military-grade radar sensor to detect anyone around, SunClean™ is designed to keep people safe and healthy.

What is SunClean™?

Illuminates when people come.
Disinfects when people leave.

Intelligent, Automatic Disinfection, Air-Cleaning, and Lighting. 3-in-1.



UV-C + UV-A + Lighting

3-in-1

Intelligent, Automatic Disinfection, Air-Cleaning, and Lighting.

Simple Replacement

Just Change Your Light.

Intelligent Operation

Illuminates when people come. Disinfects when people leave.

Safe and Reliable

Military-grade radar and radar self-diagnosis. No chemical residue.

Keep Spaces Free of COVID-19

No extra manpower. Highly cost-effective.

Minimize Infection Spread

Disinfection occurs immediately after people leave the room.

UV-C battle COVID-19 all around the world



Hospital robots are disinfecting with UV-C



Buses are being disinfected with UV-C



Boeing aircraft are being disinfected with UV-C



New York City subways are being disinfected with UV-C

Just change the light!

Easily prevent contamination !
Ensure the safety of family members and employees.



Restaurants



Bars



Toilets



Meeting rooms



Elevators



Gyms

Applications: restaurants, bars, barber shops, restrooms, meeting rooms, banks, gyms, elevators, hotels, clinics, nursing homes, convenience stores, supermarkets, retail stores, entertainment venues, etc.

Superior Safety

1. Advanced 5.8G military-grade radar

Each SunClean™ Lighting product is equipped with a military-grade 5.8G radar with a detection distance of 7-10 meters that automatically stops disinfection when people are nearby.



2. Self-check safety system

Before each disinfection cycle, a self-diagnosis is performed to ensure safe product performance. If the radar fails, disinfection stops automatically.



3. No dangerous ozone produced

Operates with a UV-C disinfection wavelength of 260-285nm, well above the 240nm or less that decomposes oxygen into ozone that can damage the respiratory tract.

*Ozone will corrode the mucosa of the respiratory tract and cause serious damage to the respiratory tract.

*UV below 240nm will decompose oxygen in the air to form ozone.

Easy operation

Convenient Installation

Remove the old downlight and install your SunClean™ downlight just like any other.



Lighting Mode

Flip the switch ON to turn on.



Control Mode

Toggle the switch ON and OFF to control.



Disinfection Mode

· **2-hour Disinfection Mode:** Flip the switch ON-OFF-ON within 3 seconds to turn on.

Disinfection stops automatically after 2 hours.

· **20-min Auto-Disinfection Mode:** Flip the switch ON-OFF-ON-OFF-ON within 3 seconds to turn on. Illuminates when people come.

Disinfects when people leave.



The measurement standard of SunClean™ Lighting for killing germs

广微测 Gricom Testing MA CNAS

广东省微生物分析检测中心
GUANGDONG METEOROLOGICAL CENTER OF MICROBIOLOGY
ANALYSIS AND TEST RESULT

报告编号 (Report No.): 2020SP0408010
1. 作用距离 Action distance: 50cm
2. 测试距离 Results:

Test organisms	Action Time	Test group	Average cfu of testing groups (cfu/10 pieces)	Average cfu of positive controls (cfu/10 pieces)	Sterilization logarithm (K.L.)	Sterilization rate (%)
105s	1	1	<5	1.1 × 10 ⁷	>5.76	>99.99
		2	<5	3.0 × 10 ⁷	>5.76	>99.99
		3	<5	3.2 × 10 ⁷	>5.81	>99.99
Average				>5.79	>99.99	
80s	1	1	<5	3.1 × 10 ⁷	>5.79	>99.99
		2	<5	3.0 × 10 ⁷	>5.76	>99.99
		3	<5	3.2 × 10 ⁷	>5.81	>99.99
Average				>5.79	>99.99	
60s	1	1	20	1.1 × 10 ⁷	1.18	99.99
		2	10	3.0 × 10 ⁷	3.40	99.99
		3	25	3.2 × 10 ⁷	3.51	99.99
Average				3.26	99.99	
40s	1	1	2.6 × 10 ⁷	3.1 × 10 ⁷	4.08	99.99
		2	2.3 × 10 ⁷	3.0 × 10 ⁷	4.12	99.99
		3	2.9 × 10 ⁷	3.2 × 10 ⁷	4.05	99.99
Average				4.08	99.99	
20s	1	1	4.2 × 10 ⁷	3.1 × 10 ⁷	3.87	99.99
		2	3.7 × 10 ⁷	3.0 × 10 ⁷	3.81	99.99
		3	4.4 × 10 ⁷	3.2 × 10 ⁷	3.87	99.99
Average				3.88	99.99	
10s	1	1	8.5 × 10 ⁷	3.1 × 10 ⁷	3.56	99.97
		2	8.0 × 10 ⁷	3.0 × 10 ⁷	3.51	99.97
		3	8.5 × 10 ⁷	3.2 × 10 ⁷	3.51	99.97
Average				3.54	99.97	
5s	1	1	2.4 × 10 ⁷	3.1 × 10 ⁷	3.11	99.92
		2	2.8 × 10 ⁷	3.0 × 10 ⁷	3.03	99.91
		3	2.7 × 10 ⁷	3.2 × 10 ⁷	3.08	99.92
Average				3.07	99.91	

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广微测 Gricom Testing MA CNAS

广东省微生物分析检测中心
GUANGDONG METEOROLOGICAL CENTER OF MICROBIOLOGY
ANALYSIS AND TEST RESULT

报告编号 (Report No.): 2020SP0408010
1. 作用距离 Action distance: 100cm
2. 测试距离 Results:

Test organisms	Action Time	Test group	Average cfu of testing groups (cfu/10 pieces)	Average cfu of positive controls (cfu/10 pieces)	Sterilization logarithm (K.L.)	Sterilization rate (%)
1000s	1	1	<5	3.1 × 10 ⁷	>5.79	>99.99
		2	<5	3.0 × 10 ⁷	>5.76	>99.99
		3	<5	3.2 × 10 ⁷	>5.81	>99.99
Average				>5.79	>99.99	
2000s	1	1	<5	3.1 × 10 ⁷	>5.79	>99.99
		2	<5	3.0 × 10 ⁷	>5.76	>99.99
		3	<5	3.2 × 10 ⁷	>5.81	>99.99
Average				>5.79	>99.99	
3000s	1	1	<5	3.1 × 10 ⁷	>5.79	>99.99
		2	<5	3.0 × 10 ⁷	>5.76	>99.99
		3	<5	3.2 × 10 ⁷	>5.81	>99.99
Average				>5.79	>99.99	
4000s	1	1	4.5 × 10 ⁷	2.4 × 10 ⁷	3.84	99.99
		2	3.7 × 10 ⁷	2.7 × 10 ⁷	3.81	99.99
		3	4.3 × 10 ⁷	2.8 × 10 ⁷	3.88	99.99
Average				3.88	99.99	
5000s	1	1	8.0 × 10 ⁷	2.4 × 10 ⁷	3.71	99.98
		2	5.5 × 10 ⁷	2.7 × 10 ⁷	3.74	99.98
		3	6.3 × 10 ⁷	2.8 × 10 ⁷	3.70	99.98
Average				3.72	99.98	
6000s	1	1	8.0 × 10 ⁷	2.4 × 10 ⁷	3.79	99.97
		2	7.5 × 10 ⁷	2.7 × 10 ⁷	3.80	99.98
		3	8.0 × 10 ⁷	2.8 × 10 ⁷	3.81	99.98
Average				3.80	99.98	
7000s	1	1	1.2 × 10 ⁷	2.4 × 10 ⁷	3.41	99.96
		2	1.1 × 10 ⁷	2.7 × 10 ⁷	3.44	99.96
		3	1.3 × 10 ⁷	2.8 × 10 ⁷	3.40	99.96
Average				3.42	99.96	

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Test organisms	Action Time	Test group	Average cfu of testing groups (cfu/10 pieces)	Average cfu of positive controls (cfu/10 pieces)	Sterilization logarithm (K.L.)	Sterilization rate (%)
5000s	1	1	<5	2.4 × 10 ⁷	>5.68	>99.99
		2	<5	2.7 × 10 ⁷	>5.73	>99.99
		3	<5	2.8 × 10 ⁷	>5.75	>99.99
Average				>5.72	>99.99	
2500s	1	1	<5	2.4 × 10 ⁷	>5.68	>99.99
		2	<5	2.7 × 10 ⁷	>5.73	>99.99
		3	<5	2.8 × 10 ⁷	>5.75	>99.99
Average				>5.72	>99.99	
2000s	1	1	<5	2.4 × 10 ⁷	>5.68	>99.99
		2	<5	2.7 × 10 ⁷	>5.73	>99.99
		3	<5	2.8 × 10 ⁷	>5.75	>99.99
Average				>5.72	>99.99	
1500s	1	1	35	2.4 × 10 ⁷	4.84	99.99
		2	30	2.7 × 10 ⁷	4.89	99.99
		3	40	2.8 × 10 ⁷	4.86	99.99
Average				4.84	99.99	
1200s	1	1	3.2 × 10 ⁷	2.4 × 10 ⁷	3.87	99.99
		2	3.6 × 10 ⁷	2.7 × 10 ⁷	3.87	99.99
		3	3.9 × 10 ⁷	2.8 × 10 ⁷	3.86	99.99
Average				3.87	99.99	
1000s	1	1	3.0 × 10 ⁷	2.4 × 10 ⁷	3.68	99.98
		2	3.3 × 10 ⁷	2.7 × 10 ⁷	3.69	99.98
		3	3.5 × 10 ⁷	2.8 × 10 ⁷	3.71	99.98
Average				3.69	99.98	
750s	1	1	9.0 × 10 ⁷	2.4 × 10 ⁷	3.43	99.96
		2	9.5 × 10 ⁷	2.7 × 10 ⁷	3.43	99.96
		3	1.0 × 10 ⁷	2.8 × 10 ⁷	3.42	99.96
Average				3.44	99.96	

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报告编号 (Report No.): 2020SP0408010
1. 作用距离 Action distance: 50cm
2. 测试距离 Results:

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105s	1	1	<5	2.4 × 10 ⁷	>5.68	>99.99
		2	<5	2.7 × 10 ⁷	>5.73	>99.99
		3	<5	2.8 × 10 ⁷	>5.75	>99.99
Average				>5.72	>99.99	
80s	1	1	<5	2.4 × 10 ⁷	>5.68	>99.99
		2	<5	2.7 × 10 ⁷	>5.73	>99.99
		3	<5	2.8 × 10 ⁷	>5.75	>99.99
Average				>5.72	>99.99	
60s	1	1	<5	2.4 × 10 ⁷	>5.68	>99.99
		2	<5	2.7 × 10 ⁷	>5.73	>99.99
		3	<5	2.8 × 10 ⁷	>5.75	>99.99
Average				>5.72	>99.99	
40s	1	1	40	2.4 × 10 ⁷	4.73	99.99
		2	30	2.7 × 10 ⁷	4.62	99.99
		3	40	2.8 × 10 ⁷	4.55	99.99
Average				4.63	99.99	
20s	1	1	1.8 × 10 ⁷	2.4 × 10 ⁷	4.12	99.99
		2	1.9 × 10 ⁷	2.7 × 10 ⁷	4.13	99.99
		3	2.1 × 10 ⁷	2.8 × 10 ⁷	4.13	99.99
Average				4.13	99.99	
10s	1	1	2.9 × 10 ⁷	2.4 × 10 ⁷	3.98	99.99
		2	2.7 × 10 ⁷	2.7 × 10 ⁷	4.06	99.99
		3	2.8 × 10 ⁷	2.8 × 10 ⁷	4.06	99.99
Average				3.99	99.99	
5s	1	1	3.6 × 10 ⁷	2.4 × 10 ⁷	3.42	99.99
		2	3.8 × 10 ⁷	2.7 × 10 ⁷	3.43	99.99
		3	3.8 × 10 ⁷	2.8 × 10 ⁷	3.47	99.99
Average				3.45	99.99	

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Measurement formula for killing germs

UV Dose μJ/cm ² = μW/cm ² x seconds	Disinfection Rate
1000 μJ/cm ²	99%*
1500 μJ/cm ²	99.90%*
2000 μJ/cm ²	99.95%*
4000 μJ/cm ²	99.99%*

*Staphylococcus Aureus. The preceding data is derived from reports obtained from third-party laboratory testing.

Measurement Formula

1. UV Dose (μJ) = UV Concentration (μW/cm²) x Time(Seconds)

2. UV Concentration (μW/cm²) = $\frac{\text{UV Power } (\mu\text{W})}{\text{Area } (\text{cm}^2)}$

* 1mW = 10³μW, 1m²= 10⁴ cm²

Example: at a height of 3m the SunClean Downlight takes just 25 minutes to eliminate 99.9% of germs in a 3x3m(9m²) space.

SunClean™ Downlight UV Power is 180mW, Disinfection Area is 9m²

1. UV Concentration: $\frac{180\text{mW}}{9\text{m}^2} = 20\text{mW/m}^2 = 2\mu\text{W/cm}^2$

2. Time required for 99.9%: $\frac{1500\mu\text{J}}{2\mu\text{W/cm}^2} = 750\text{sec (12.5mins)}$



Area	Disinfection Rate	Time
3x3m	99.9%	12.5min

Area	Disinfection Rate
3x3m	99.9%

International UV Safety Threshold	SunClean™ Downlight UV Energy	Max Safe Exposure Time
30J/m ² (3000μJ/cm ²)	2μW/cm ²	25min

UV Radiation Limits and Calculations

According to IEC62471 of the International Electrolust Institute and the CDC's National Institute for Occupational Safety and Health, people should not be exposed to more than 30J/m² of UV radiation.

Table DVC.2.1.2 - Permissible ultraviolet exposures

Effective irradiance, E. (μW/cm ²)	Duration Of expose per day
0.8 μW/cm ²	1 h
1.7 μW/cm ²	30 min
3.3 μW/cm ²	15 min
5 μW/cm ²	10 min
10 μW/cm ²	5 min
50 μW/cm ²	1 min
100 μW/cm ²	30 s

Example:

SunClean™ downlights have a UV concentration of 2μW/cm², thus applying the formula to a SunClean™ Downlight.

The safety threshold would be calculated as: $\frac{3000\mu\text{J/cm}^2 (30\text{J/m}^2)}{2\mu\text{W/cm}^2} = 1500\text{sec (25mins)}$

*Representative colonies: S. aureus, E.coli, they are the standard representative colonies in the UV-C disinfection tests of the WHO, representing 99.9% of bacterial characteristics.

Under normal circumstances, the WHO stipulates that it is necessary to pass the test of these two kinds of bacteria, so that the disinfection ability of the UV equipment can be determined to be qualified.

Just change the light!

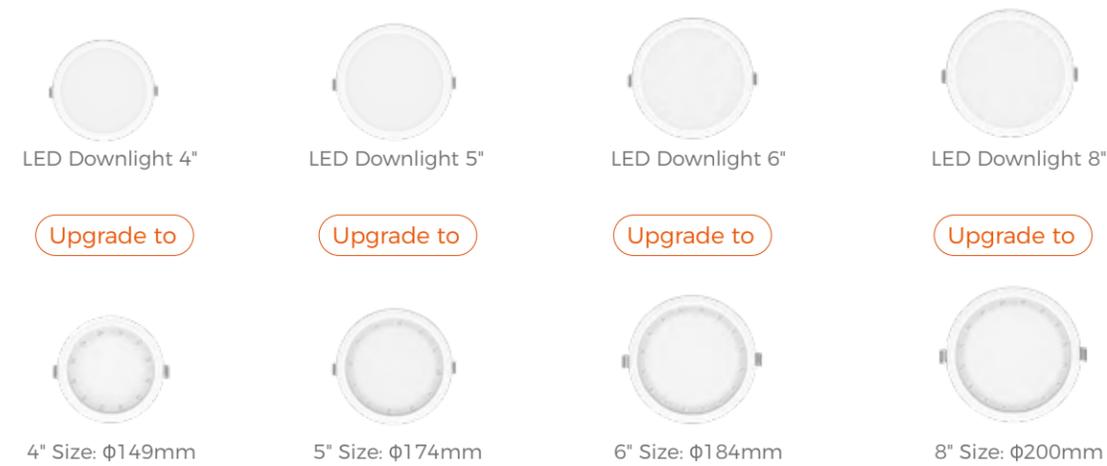
Easily prevent contamination!
Ensure the safety of family members and employees.

" data-bbox="61 194 96 241"/>	Upgrade to	" data-bbox="224 194 264 241"/>	
LED Downlight 4"/5"/6"/8"		59S Downlight 4"/5"/6"/8"	
" data-bbox="58 278 96 325"/>	Upgrade to	" data-bbox="224 278 264 325"/>	
LED Downlight 2.5"/3"/4"/5"/6"		59S Downlight 2.5"/3"/ 4"/5"/6"(Entry-level)	
" data-bbox="61 362 96 409"/>	Upgrade to	" data-bbox="224 362 264 409"/>	
LED Downlight(American) 4"/6"		59S Downlight(American) 4"/6"	
	Upgrade to		
LED E26/E27 Bulb Light		59S E26/E27 Bulb Light-A19	59S E26/E27 Bulb light-BR30
	Upgrade to		
LED E26/E27 Bulb Light		59S E26/E27 Bulb Light T80/T100/T120/T140	
	Upgrade to		
LED E26/E27 UFO Light		59S E26/E27 UFO Light	

	Upgrade to		
LED Panel Light		59S Panel Light	
	Upgrade to		
LED Ceiling Light		59S Ceiling Light	
	Upgrade to		
Elevator Light		59S Elevator Button Sanitizer	2.5" / 3" Elevator Space Sanitizer
			
59S High Power Light LED 16 pcs		59S High Power Light LED 25 pcs	
			
59S Door Handle Series			
			
Others			

SunClean™ Downlight

Intelligent, Automatic Disinfection, Air-Cleaning, and Lighting. 3-in-1.



Radar



Driver

- 99.9%** Kills up to 99.9% of all Germs
- Military-gradar radar sensor ensures safe use

	4" Size: ϕ 149mm	5" Size: ϕ 174mm	6" Size: ϕ 184mm	8" Size: ϕ 200mm
Lighting Specifications				
Power	14W	18W	18W	22W
Luminous flux	>1190 lm	>1530 lm	>1530 lm	>1760 lm
CCT	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K
Color Temperature Adjustable	NO	NO	NO	NO
CRI	>80	>80	>80	>80
Lamp Lifespan	>35,000 hrs	>35,000 hrs	>35,000 hrs	>35,000 hrs
UV Specifications				
Diode Type	UV-C LED	UV-C LED	UV-C LED	UV-C LED
Power	18W	18W	20W	20W
UV Energy	180mW	180mW	200mW	200mW
Disinfection Area	3 x 3m (9m ²)			
Disinfection Modes	20-min Automatic mode 2-hour Intensive mode			
Detection Sensor	5.8G	5.8G	5.8G	5.8G
Beam Radius	90°	90°	90°	90°
Wavelength	260-285nm	260-285nm	260-285nm	260-285nm
Lamp Lifespan	>10,000 hrs	>10,000 hrs	>10,000 hrs	>10,000 hrs
Electrical Specifications				
Voltage	100-240V AC 50/60Hz	100-240V AC 50/60Hz	100-240V AC 50/60Hz	100-240V AC 50/60Hz
Operation Modes	Manual switch mode / radar sensor automatic mode	Manual switch mode / radar sensor automatic mode	Manual switch mode / radar sensor automatic mode	Manual switch mode / radar sensor automatic mode
Physical Specifications				
Body	Die cast aluminum	Die cast aluminum	Die cast aluminum	Die cast aluminum
Body Color	Dark gray and white			
Dimension	ϕ 149 x 35mm	ϕ 174x35mm	ϕ 184x35mm	ϕ 215x35mm
Cut out	ϕ 130-140mm	ϕ 155-165mm	ϕ 165-175mm	ϕ 196x205mm
Weight	340g	525g	600g	
Operating Temperature	-10°C-40°C	-10°C-40°C	-10°C-40°C	-10°C-40°C
Certifications and Warranty				
Certifications	FCC, CE	FCC, CE	FCC, CE	FCC, CE
Warranty	2 Years	2 Years	2 Years	2 Years

SunClean™ Downlight

Intelligent, Automatic Disinfection, Air-Cleaning, and Lighting. 3-in-1.



				
LED Downlight 2.5"	LED Downlight 3"	LED Downlight 4"	LED Downlight 5"	LED Downlight 6"
Upgrade to				
				
2.5" Size: φ89mm	3" Size: φ110mm	4" Size: φ149mm (Entry-level)	5" Size: φ174mm (Entry-level)	6" Size: φ184mm (Entry-level)



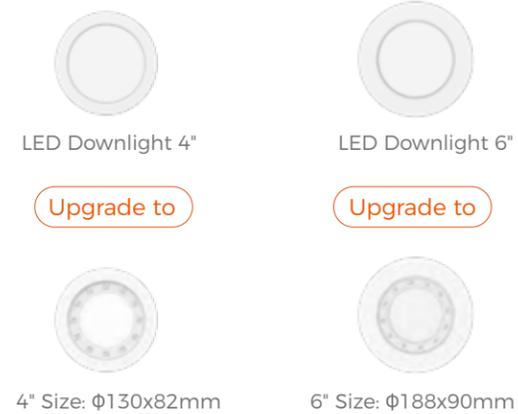
Radar

- 
Kills up to 99.9% of all Germs
- 
Military-gradar radar sensor ensures safe use

	2.5" Size: φ89mm	3" Size: φ110mm	4" Size: φ149mm (Entry-level)	5" Size: φ174mm (Entry-level)	6" Size: φ184mm (Entry-level)
Lighting Specifications					
Power	5W	7W	11W	11W	13W
Luminous flux	>500 lm	>600 lm	>900 lm	>900 lm	>1040 lm
CCT	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K
Color Temperature Adjustable	NO	NO	NO	NO	NO
CRI	>80	>80	>80	>80	>80
Lamp Lifespan	>15,000 hrs	>15,000 hrs	>15,000 hrs	>15,000 hrs	>15,000 hrs
UV Specifications					
Diode Type	UV-C LED	UV-C LED	UV-C LED	UV-C LED	UV-C LED
Power	6W	7W	9W	9W	11W
UV Energy	60mW	70mW	90mW	90mW	110mW
Disinfection Area	2 x 2m (4m ²)	2 x 2m (4m ²)	2 x 2m (4m ²)	2 x 2m (4m ²)	2 x 2m (4m ²)
Disinfection Modes	20-min Automatic mode 2-hour Intensive mode	20-min Automatic mode 2-hour Intensive mode	20-min Automatic mode 2-hour Intensive mode	20-min Automatic mode 2-hour Intensive mode	20-min Automatic mode 2-hour Intensive mode
Detection Sensor	5.8G	5.8G	5.8G	5.8G	5.8G
Beam Radius	90°	90°	90°	90°	90°
Wavelength	260-285nm	260-285nm	260-285nm	260-285nm	260-285nm
Lamp Lifespan	>5000 hrs	>5000 hrs	>5000 hrs	>5000 hrs	>5000 hrs
Electrical Specifications					
Voltage	100-240V AC 50/60Hz	100-240V AC 50/60Hz	100-240V AC 50/60Hz	100-240V AC 50/60Hz	100-240V AC 50/60Hz
Operation Modes	Manual switch mode / radar sensor automatic mode	Manual switch mode / radar sensor automatic mode	Manual switch mode / radar sensor automatic mode automatic mode	Manual switch mode / radar sensor automatic mode automatic mode	Manual switch mode / radar sensor automatic mode automatic mode
Physical Specifications					
Body	Plastic	Plastic	Plastic	Plastic	Plastic
Body Color	White	White	White	White	White
Dimension	φ89mm	φ110mm	φ149mm	φ174x35mm	φ184x35mm
Cut out	φ70-80mm	φ90-100mm	φ130-140mm	φ155-165mm	φ165-175mm
Weight	130g	150g	220g		
Operating Temperature	-10°C-40°C	-10°C-40°C	-10°C-40°C	-10°C-40°C	-10°C-40°C
Certifications and Warranty					
Certifications	FCC, CE	FCC, CE	FCC, CE	FCC, CE	FCC, CE
Warranty	1 Years	1 Years	1 Years	1 Years	1 Years

SunClean™ Downlight (American)

Intelligent, Automatic Disinfection, Air-Cleaning, and Lighting. 3-in-1.



Radar

- 99.9%** Kills up to 99.9% of all Germs
- Military-gradar radar sensor ensures safe use

4" Size: ϕ 130x82mm

6" Size: ϕ 188x90mm

Lighting Specifications

Power (Optional)	11W, 14W	12W, 16W
Luminous flux	>800 lm, >960 lm	>820 lm, >1280 lm
Color Temperature	Warm white, cool white, and natural white	Warm white, cool white, and natural white
CCT	3000K, 4000K, 5000K	3000K, 4000K, 5000K
Color Temperature Adjustable	Yes	Yes
CRI	>80	>80
Lamp Lifespan	>35,000 hrs	>35,000 hrs

UV Specifications

Diode Type	UV-C LED	UV-C LED
Power	18W	18W
UV Energy	180mW	180mW
Disinfection Area	3 x 3m(9m ²)	3 x 3m(9m ²)
Disinfection Modes	20-min Automatic mode, 2-hrs Intensive mode	20-min Automatic mode, 2-hrs Intensive mode
Detection Sensor	5.8G	5.8G
Beam Radius	90°	90°
Wavelength	260-285nm	260-285nm
Lamp Lifespan	>10,000 hrs	>10,000 hrs

Electrical Specifications

Voltage	100-240V AC 50/60Hz	100-240V AC 50/60Hz
Operation Modes	Manual switch mode / radar sensor automatic mode	Manual switch mode / radar sensor automatic mode

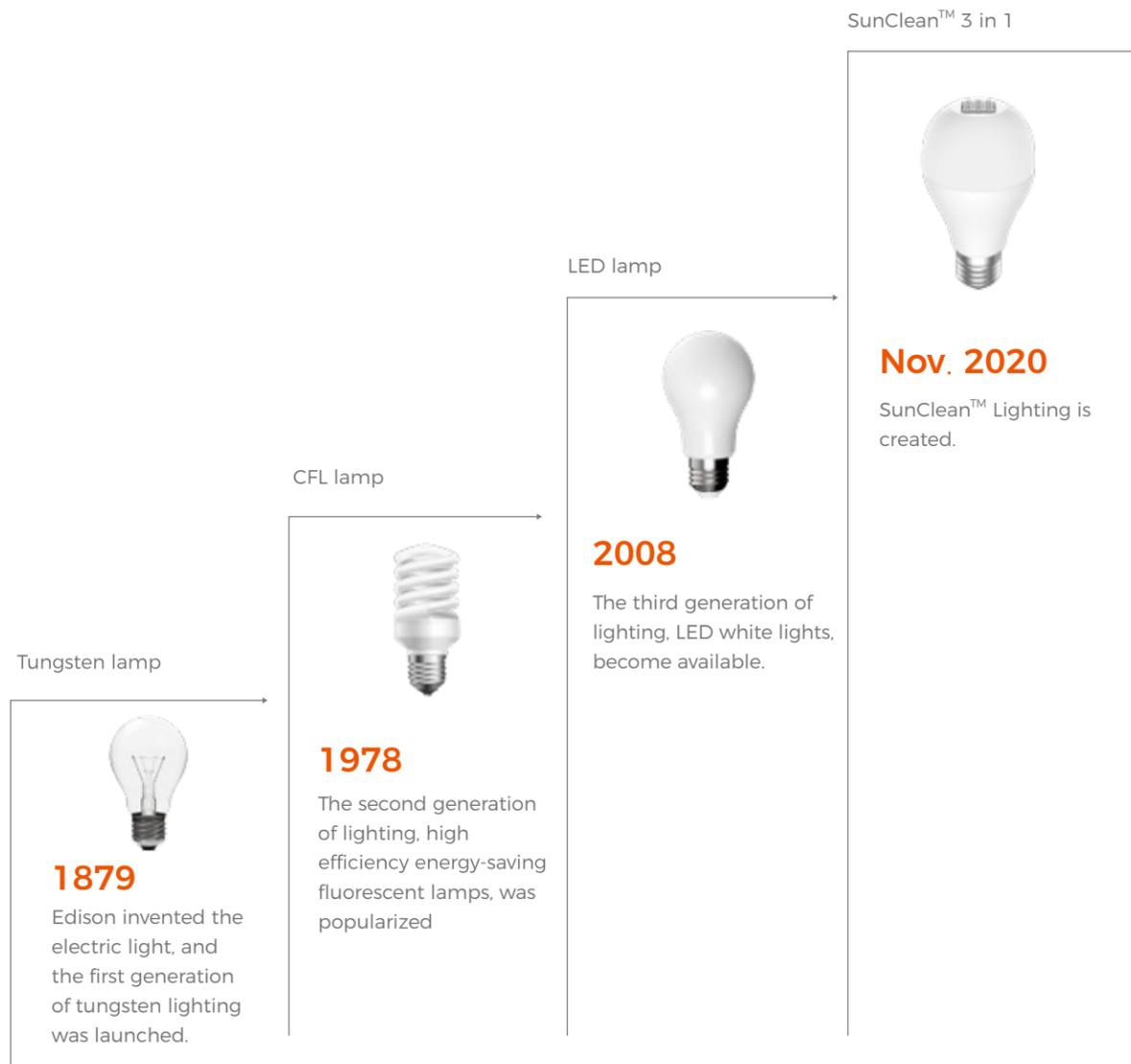
Physical Specifications

Body	Die cast aluminum	Die cast aluminum
Body Color	White	White
Dimension	4" ϕ 130 x 82mm (5.12 x 3.23in)	6" (ϕ 7.4 x 3.54in)
Weight	215g(7.58oz)	280g(9.87oz)
Operating Temperature	-10~40°C (14~104°F)	-10~40°C (14~104°F)

Certifications and Warranty

Certifications	FCC, CE	FCC, CE
Warranty	2 Years	2 Years

The Dawn of a New Era of Lighting SunClean™ has Arrived



UV-C LED used to be an expensive technology, costing more than their weight in gold

UV-C LEDs were originally developed by Sensor Electronic Technology, Inc. in the USA to disinfect water for astronauts. The cost of each diode was about US \$1,400/PCS at that time. As recently as 2017 the price of each diode was still US \$20/PCS. Nowadays, driven by 59S's innovative technology, UV-C LEDs are becoming consumer products and coming into our lives.



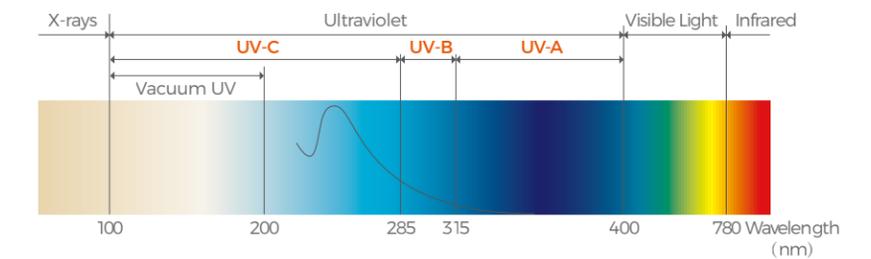
Scan & See in Action

UV-C Disinfection Principle

UV-C: 100-285nm, (UVC LED produces UV lights at wavelength between 260-285nm that can destroy DNA/RNA of germs and bacteria effectively)

UV-B: 285-315nm, Protein analysis, Light therapy in medicine mostly

UV-A: 315-400nm, Curing of polymers and printer inks



SunClean™ Bulb Light (E26/E27)

Intelligent, Automatic Disinfection, Air-Cleaning, and Lighting. 3-in-1.



LED Bulb Light
A19

Upgrade to



A19
Size: Φ 62mm



BR30
Size: Φ 94mm



Radar

99.9%

Kills up to 99.9%
of all Germs



Military-grade radar
sensor ensures safe use

A19 Size: Φ 62mm

BR30 Size: Φ 94mm

Lighting Specifications

Power	8W	11W
Base Type	E26/E27	E26/E27
Luminous flux	>650lm	>800lm
CCT	3000K / 4000K/5000K/6000K	3000K / 4000K/5000K/6000K
Color Temperature Adjustable	NO	NO
CRI	> 80	> 80
Lamp Lifespan	>15,000 hrs	> 15,000 hrs

UV Specifications

Diode Type	UV-C LED	UV-C LED
Power	6W	9W
Total UV Energy	60mW	90mW
Disinfection Area	2 x 2m(4m ²)	2 x 2m(4m ²)
Disinfection Modes	30-min Automatic mode, 3-hour Intensive mode	30-min Automatic mode, 3-hour Intensive mode
Detection Sensor	5.8G	5.8G
Beam Radius	90°	90°
Wavelength	260-285nm	260-285nm
Lamp Lifespan	>5000 hrs	>5000 hrs

Electrical Specifications

Voltage	100-240V AC 50/60Hz	100-240V AC 50/60Hz
Operation Modes	Manual switch mode / radar sensor automatic mode	Manual switch mode / radar sensor automatic mode

Physical Specifications

Body	Plastic-coated aluminum	Plastic
Body Color	White	White
Dimension	Φ 62 x 114mm	Φ 94x132.5mm
Weight	180g	30g
Operating Temperature	-10-40°C	-10-40°C

Certifications and Warranty

Certifications	FCC, CE	FCC, CE
Warranty	1 Years	1 Years

SunClean™ Bulb Light (E26/E27)

Intelligent, Automatic Disinfection, Air-Cleaning, and Lighting. 3-in-1.



Radar

- 99.9%** Kills up to 99.9% of all Germs
- Military-gradar radar sensor ensures safe use

	T80 Size: ϕ 80mm	T100 Size: ϕ 100mm	T120 Size: ϕ 120mm	T140 Size: ϕ 140mm
Lighting Specifications				
Power	20W	25W	40W	50W
Base Type	E26/E27	E26/E27	E26/E27	E26/E27
Luminous flux	>1600 lm	>2000 lm	>3400 lm	>4250 lm
CCT	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K
Color Temperature Adjustable	NO	NO	NO	NO
CRI	>80	>80	>80	>80
Lamp Lifespan	>15,000 hrs	>15,000 hrs	>15,000 hrs	>15,000 hrs
UV Specifications				
Diode Type	UV-C LED	UV-C LED	UV-C LED	UV-C LED
Power	9W	9W	12W	12W
UV Energy	90mW	90mW	120mW	120mW
Disinfection Area	3 x 3m (9m ²)			
Disinfection Modes	30-min Automatic mode, 3-hour Intensive mode			
Detection Sensor	5.8G	5.8G	5.8G	5.8G
Beam Radius	90°	90°	90°	90°
Wavelength	260-285nm	260-285nm	260-285nm	260-285nm
Lamp Lifespan	>5000 hrs	>5000 hrs	>5000 hrs	>5000 hrs
Electrical Specifications				
Voltage	100-240V AC 50/60Hz	100-240V AC 50/60Hz	100-240V AC 50/60Hz	100-240V AC 50/60Hz
Operation Modes	Manual switch mode / radar sensor automatic mode	Manual switch mode / radar sensor automatic mode	Manual switch mode / radar sensor automatic mode	Manual switch mode / radar sensor automatic mode
Physical Specifications				
Body	Plastic	Plastic	Plastic	Plastic
Body Color	White	White	White	White
Dimension	ϕ 80 x 143mm	ϕ 100x173mm		
Weight	148g	205g		
Operating Temperature	-10-40°C	-10-40°C	-10-40°C	-10-40°C
Certifications and Warranty				
Certifications	FCC, CE	FCC, CE	FCC, CE	FCC, CE
Warranty	1Years	1 Years	1 Years	1Years

SunClean™ Bulb Light (E27)

Intelligent, Automatic Disinfection, Air-Cleaning, and Lighting. 3-in-1.



Radar

99.9%

Kills up to 99.9% of all Germs



Military-gradar radar sensor ensures safe use

	UFO Size: φ150mm	UFO Size: φ175mm	UFO Size: φ200mm
Lighting Specifications			
Power	18W	24W	30W
Base Type	E26/E27	E26/E27	E26/E27
Luminous flux	>1530 lm	>1920 lm	>2550 lm
CCT	3000K / 4000K/5000K/6000K	3000K / 4000K/5000K/6000K	3000K / 4000K/5000K/6000K
Color Temperature Adjustable	NO	NO	NO
CRI	>80	>80	>80
Lamp Lifespan	>15,000 hrs	>15,000 hrs	>15,000 hrs
UV Specifications			
Diode Type	UV-C LED	UV-C LED	UV-C LED
Power	18W	18W	18W
UV Energy	180mW	180mW	180mW
Disinfection Area	4 x 4m (16m ²)	4 x 4m (16m ²)	4 x 4m (16m ²)
Disinfection Modes	30-min Automatic mode, 3-hrs Intensive mode	30-min Automatic mode, 3-hrs Intensive mode	30-min Automatic mode, 3-hrs Intensive mode
Detection Sensor	5.8G	5.8G	5.8G
Beam Radius	90°	90°	90°
Wavelength	260-285nm	260-285nm	260-285nm
Lamp Lifespan	>5000 hrs	>5000 hrs	>5000 hrs
Electrical Specifications			
Voltage	100-240V AC 50/60Hz	100-240V AC 50/60Hz	100-240V AC 50/60Hz
Operation Modes	Manual switch mode / radar sensor automatic mode	Manual switch mode / radar sensor automatic mode	Manual switch mode / radar sensor automatic mode
Physical Specifications			
Body	Plastic	Plastic	Plastic
Body Color	White	White	White
Dimension	φ150 x 72mm	φ175x72mm	φ200x72mm
Weight	240g	280g	330g
Operating Temperature	-10~40°C	-10~40°C	-10~40°C
Certifications and Warranty			
Certifications	FCC, CE	FCC, CE	FCC, CE
Warranty	1 Years	1 Years	1Years

Recognized by 1,100 Hospitals around the world

The UV-C LED company that has made the greatest contributions to the fight against COVID-19

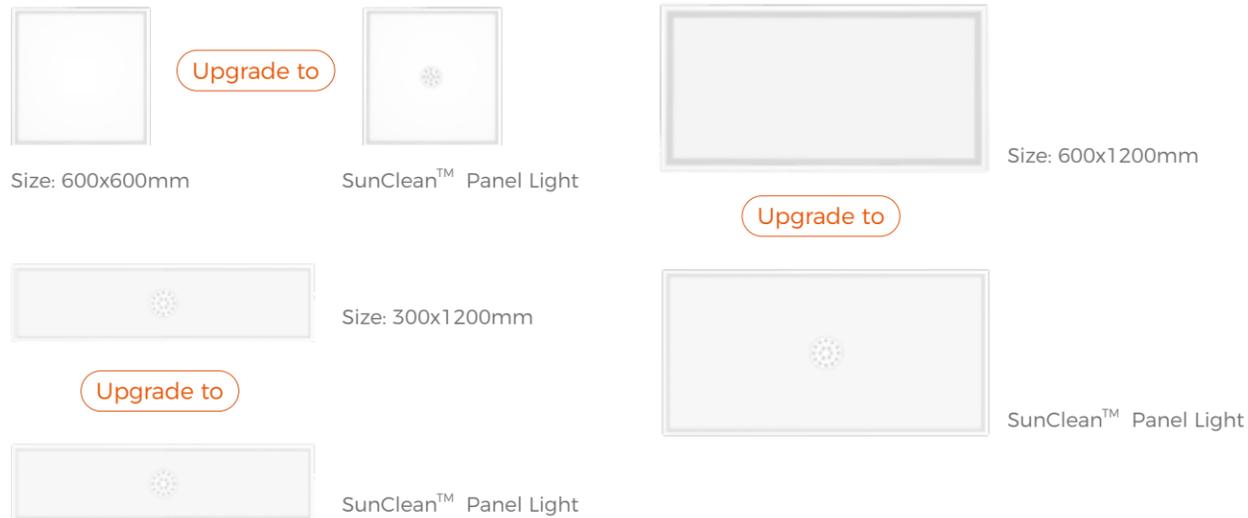


59S donated UV-C disinfection bags worth 4 million RMB to Wuhan medical staff



SunClean™ Panel Light

Intelligent, Automatic Disinfection, Air-Cleaning, and Lighting. 3-in-1.



Radar



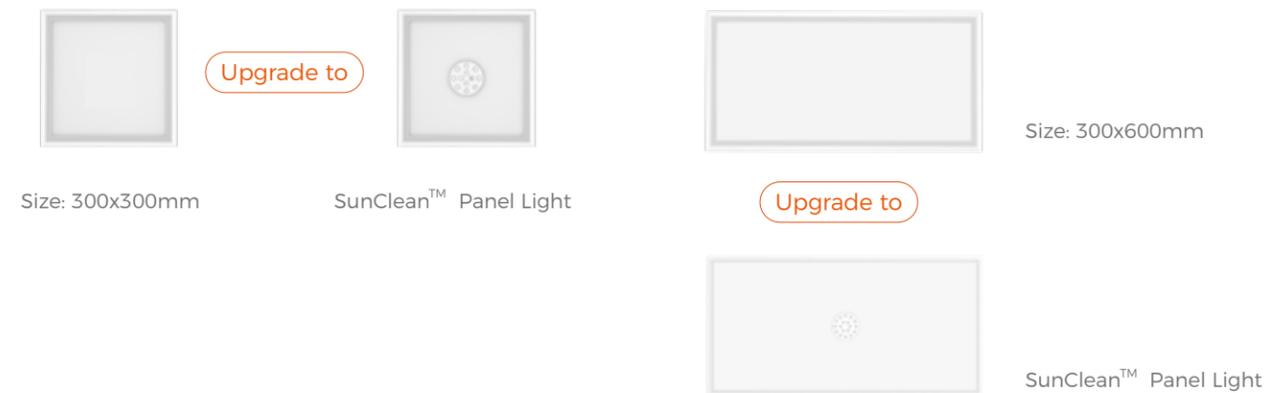
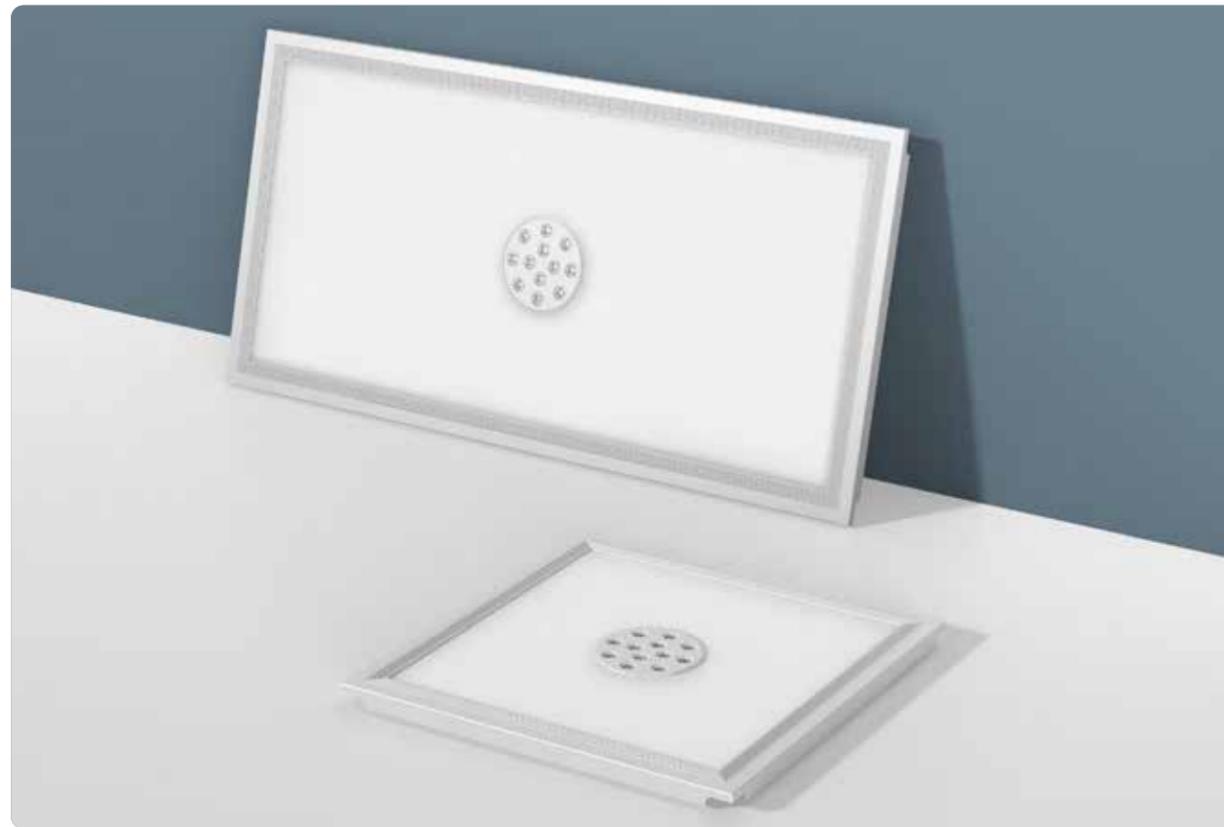
Driver

-  Kills up to 99.9% of all Germs
-  Military-gradar radar sensor ensures safe use

	Size: 600x600mm	Size: 300x1200mm	Size: 600x1200mm
Lighting Specifications			
Power	40W	40W	54W
Luminous flux	>3200 lm	>3200 lm	>4300 lm
CCT	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K
Color Temperature Adjustable	NO	NO	NO
CRI	>80	>80	>80
Lamp Lifespan	>35,000 hrs	>35,000 hrs	>35,000 hrs
UV Specifications			
Diode Type	UV-C LED	UV-C LED	UV-C LED
Power	24W	24W	24W
Total UV Energy	240mW	240mW	240mW
Disinfection Area	3 x 3m (9m ²)	3 x 3m (9m ²)	3 x 3m (9m ²)
Disinfection Modes	20-min Automatic mode, 2-hrs Intensive mode	20-min Automatic mode, 2-hrs Intensive mode	20-min Automatic mode, 2-hrs Intensive mode
Detection Sensor	5.8G	5.8G	5.8G
Beam Radius	90°	90°	90°
Wavelength	260-285nm	260-285nm	260-285nm
Lamp Lifespan	>10,000 hrs	>10,000 hrs	>10,000 hrs
Electrical Specifications			
Voltage	100-240V AC 50/60Hz	100-240V AC 50/60Hz	100-240V AC 50/60Hz
Operation Modes	Manual switch mode / radar sensor automatic mode	Manual switch mode / radar sensor automatic mode	Manual switch mode / radar sensor automatic mode
Physical Specifications			
Body	Alluminum alloy and stainless iron	Alluminum alloy and stainless iron	Alluminum alloy and stainless iron
Body Color	White	White	White
Dimension	595x595mm/600x600mm/603x603mm	295x1195mm/300x1200mm/303x1213mm	595x1195mm/600x1200mm/603x1213mm
Weight	1820g	2220g	4300g
Operating Temperature	-10°C-40°C	-10°C-40°C	-10°C-40°C
Certifications and Warranty			
Certifications	FCC, CE	FCC, CE	FCC, CE
Warranty	2 Years	2 Years	2 Years

SunClean™ Panel Light

Intelligent, Automatic Disinfection, Air-Cleaning, and Lighting. 3-in-1.



Radar



Driver

- 99.9% Kills up to 99.9% of all Germs
- Military-gradar radar sensor ensures safe use

	Size: 300x300mm	Size: 300x600mm
Lighting Specifications		
Power	24W	30W
Luminous flux	>2040 lm	>2550 lm
CCT	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K
Color Temperature Adjustable	NO	NO
CRI	>80	>80
Lamp Lifespan	>35,000 hrs	>35,000 hrs
UV Specifications		
Diode Type	UV-C LED	UV-C LED
Power	18W	18W
Total UV Energy	180mW	180mW
Disinfection Area	3 x 3m (9m ²)	3 x 3m (9m ²)
Disinfection Modes	20-min Automatic mode, 2-hrs Intensive mode	20-min Automatic mode, 2-hrs Intensive mode
Detection Sensor	5.8G	5.8G
Beam Radius	90°	90°
Wavelength	260-285nm	260-285nm
Lamp Lifespan	>10,000 hrs	>10,000 hrs
Electrical Specifications		
Voltage	100-240V AC 50/60Hz	100-240V AC 50/60Hz
Operation Modes	Manual switch mode / radar sensor automatic mode	Manual switch mode / radar sensor automatic mode
Physical Specifications		
Body	Aluminum alloy and stainless iron	Aluminum alloy and stainless iron
Body Color	White	White
Dimension	295X295 mm/300X300mm/303X303mm	295X595mm/300X600mm/303X603mm
Weight	670g	1145g
Operating Temperature	-10°C-40°C	-10°C-40°C
Certifications and Warranty		
Certifications	FCC, CE	FCC, CE
Warranty	2 Years	2 Years

SunClean™ Ceiling Light

Intelligent, Automatic Disinfection, Air-Cleaning, and Lighting. 3-in-1.



LED Ceiling light

Upgrade to



SunClean™ Ceiling Light



Radar

-  **99.9%** Kills up to 99.9% of all Germs
-  Military-gadar radar sensor ensures safe use
-  **10mins** Auto disinfection
-  **30W disinfection**
16W lighting

Size: Φ180x53.3mm

Lighting Specifications	
Power	16W
Luminous flux	> 1280 lm
CCT	6500K
Color Temperature Adjustable	NO
CRI	>80
Lamp Lifespan	>35,000 hrs
UV Specifications	
Diode Type	UV-C LED
Power	35W
Total UV Energy	300mW
Disinfection Area	3 x 3m (9m ²)
Disinfection Modes	
Detection Sensor	5.8G
Beam Radius	90°
Wavelength	260-285nm
Lamp Lifespan	>10,000 hrs
Electrical Specifications	
Voltage	100-240V AC 50/60Hz
Operation Modes	Manual switch mode / radar sensor automatic mode
Physical Specifications	
Body	Plastic
Body Color	White
Dimension	Φ180 x 53.3mm
Weight	475g
Operating Temperature	-10-40°C
Certifications and Warranty	
Certifications	FCC, CE
Warranty	2 Years

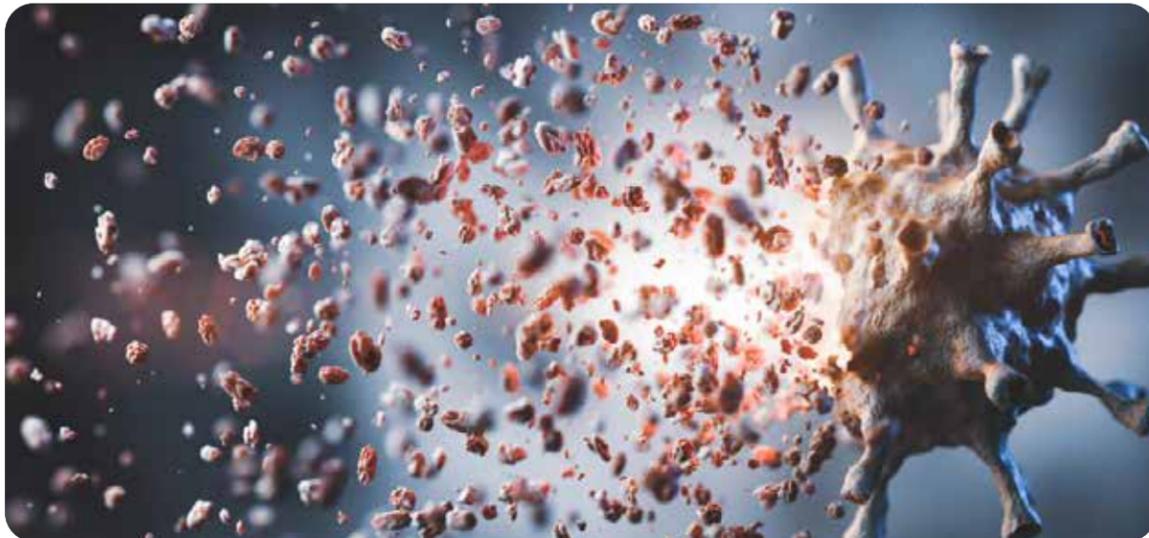
59S SunClean™ Lighting Helps us be sick less and healthy more

Viruses are a huge threat to the health of each and every person.

Thus, 59S created SunClean™ Lighting.

To kill germs, clean air, and give indoor lighting the germ-killing power of the sun.

So we can all be sick less and healthy more.



SunClean™ Elevator Sanitizer

Intelligent, Automatic Disinfection, Air-Cleaning, and Lighting, 3-in-1.



Elevator Light

Upgrade to

59S Elevator Button Sanitizer

2.5" Elevator Space Sanitizer Size: ϕ 89mm

3" Elevator Space Sanitizer Size: ϕ 110mm



Radar



Driver



99.9% Kills up to 99.9% of all Germs

Military-gradar radar sensor ensures safe use

	Elevator Button Sanitizer	2.5" Elevator Space Sanitizer Size: ϕ 89mm	3" Elevator Space Sanitizer Size: ϕ 110mm
Lighting Specifications			
Power		5W	7W
Luminous flux		>450 lm	>600 lm
CCT		6000K	6000K
CRI		>80	>80
Lamp Lifespan		>35,000 hrs	>35,000 hrs
UV Specifications			
Diode Type	UV-C LED	UV-C LED	UV-C LED
Power	10W	7W	7W
Total UV Energy	100mW	70mW	70mW
Disinfection Area		Max 2 x 2m (4m ²)	Max 2 x 2m (4m ²)
Disinfection Modes	30s-Automatic mode	10-min Automatic mode	10-min Automatic mode
Detection Sensor	5.8G	5.8G	5.8G
Beam Radius	24°	90°	90°
Wavelength	260-285nm	260-285nm	260-285nm
Lamp Lifespan	>10,000 hrs	>10,000 hrs	>10,000 hrs
Electrical Specifications			
Voltage	100-240V AC 50/60Hz	100-240V AC 50/60Hz	100-240V AC 50/60Hz
Operation Modes	Radar sensor automatic mode	Radar sensor automatic mode	Radar sensor automatic mode
Physical Specifications			
Body	Aluminum alloy and plastic	Plastic	Plastic
Body Color	White and silver	white	white
Dimension	ϕ 90 x 66mm	ϕ 89mm	ϕ 110mm
Cut out		ϕ 70-80mm	ϕ 90-100mm
Angle Adjustability	360° horizontal, 90° vertical		
Weight	300g	110g	150g
Operating Temperature	-10-40°C	-10°C-40°C	-10°C-40°C
Certifications and Warranty			
Certifications	FCC, CE	FCC, CE	FCC, CE
Warranty	2 Years	2 Years	2 Years

SunClean™ High Power Light

Intelligent, Automatic Disinfection, Air-Cleaning, and Lighting, 3-in-1.



2.5" 16PCS
Size: Ø89mm



2.5" 25PCS
Size: Ø89mm



Radar



Driver



Kills up to 99.9% of all Germs



Military-grade radar sensor ensures safe use

2.5" 16PCS Size: Ø89mm

2.5" 25PCS Size: Ø89mm

Lighting Specifications

Power	5W	5W
Luminous flux	> 400 lm	> 400 lm
CCT	6000K	6000K
Color Temperature Adjustable	NO	NO
CRI	>80	>80
Lamp Lifespan	>35,000 hrs	>35,000 hrs

UV Specifications

Diode Type	UV-C LED	UV-C LED
Power	15W	20W
Total UV Energy	150mW	200mW
Disinfection Area	3 x 3m (9m ²)	3 x 3m (9m ²)
Disinfection Modes	10-min Automatic mode, 2-hour Intensive mode	10-min Automatic mode, 2-hour Intensive mode
Detection Sensor	5.8G	5.8G
Beam Radius	90°	90°
Wavelength	260-285nm	260-285nm
Lamp Lifespan	>10,000 hrs	>10,000 hrs

Electrical Specifications

Voltage	100-240V AC 50/60Hz	100-240V AC 50/60Hz
Operation Modes	Manual switch mode / radar sensor automatic mode	Manual switch mode / radar sensor automatic mode

Physical Specifications

Body	Aluminum alloy and plastic	Aluminum alloy and plastic
Body Color	Dark gray and white	Dark gray and white
Dimension	Ø89 x 93.5mm	Ø89 x 93.5mm
Cut out	Ø70-80mm	Ø70-80mm
Weight	250g	250g
Operating Temperature	-10-40°C	-10-40°C

Certifications and Warranty

Certifications	FCC, CE	FCC, CE
Warranty	2 Years	2 Years

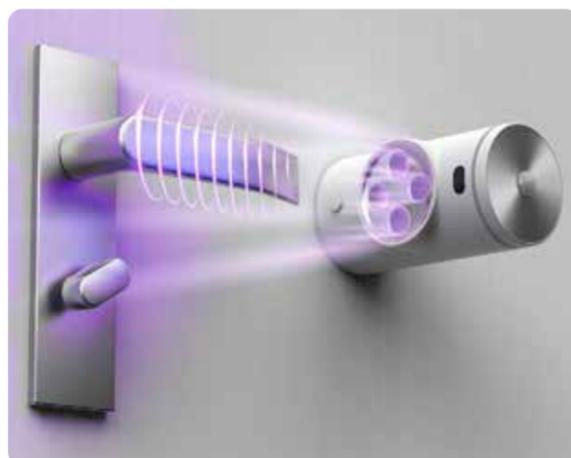
SunClean™ Automatic Door Handle Disinfectors

A disinfectant keeping your hands away from germs



Size: 47x88mm

-  **99.9%** Kills up to 99.9% of all Germs
-  **Safety**
Military radar sensor
-  Immediate automatic door handle disinfection
-  No chemical residue, ozone, or extra radiation
-  **3M** Installs in 10 seconds
-  Works for up to 30 days on a single charge



3 mounting bases of different thickness put the disinfecting LEDs the same distance from the door as the door handle.
Base thickness: 5mm / 11mm / 15mm

for
Handle distance from door: 45.5mm / 49.5mm / 54.5mm

Size: 47x88mm

UV Specifications	
Diode Type	UV-C LED
Power	3W
UV Energy	30mv
Disinfection Modes	20s-Automatic mode
Detection Sensor	5.8G
Beam Radius	90°
Wavelength	260-285nm
Lamp Lifespan	>10,000 hrs
Electrical Specifications	
Voltage	5DC 1A
Charging Time	approx. 2.5hrs
Internal Battery Capacity	2500mAH
Number of Uses per Full Charge	≥250
Max Operation Period per Full Charge	30 days
Operation Modes	Radar sensor automatic mode
Physical Specifications	
Body	Plastic
Body Color	White or black
Dimension	φ47 x 88mm
Weight	115g
Operating Temperature	-10~40°C
Certifications and Warranty	
Certifications	FCC, CE
Warranty	2 Years

59S Laptop Guard

Multiuse sanitizer for laptop and accessories



- Kills 99.9% of all germs
- No chemical residue, ozone, or extra radiation
- Flexible 360° Gooseneck
- Bodyheat detection
- Child Safety Lock
- Lightweight and portable only 73g

Specifications	
Available Colors	White
Power	5W
UV Diodes	5 UV-C LEDs
Wavelength	260-285nm
Disinfection Timers	5 minutes, 10 minutes, 30 minutes, 60 minutes
Interface Type	USB-A
Input	5V=1A
Product Size	383 x 70.8 x 18mm
Product Weight	73g



59S Cellphone Guard

Portable cellphone sanitizer, disinfection and lighting 2 in 1
Disinfection starts once connected with phone



- Kills 99.9% of all germs
- No chemical residue, ozone, or extra radiation
- Flexible 360° Gooseneck
- Bodyheat detection to ensure safe use
- Child safety lock
- Lightweight and portable

Specifications	
Available Colors	White, black
UV Energy	TYPE-C: 1.5W, Lightning: 0.5W
UV Diodes	3 UV-C LEDs
Illumination Diodes	12 LEDs
Wavelength	260-285nm
Disinfection Timers	5 minutes, 30 minutes
Interface Type	USB Type-C / Lightning
Input	5V=1A
Product Size	226 x 27 x 10.5mm
Product Weight	25g



59S Portable Sanitizer

Sterilize for Mobile Phone, Glasses, Earbuds. etc.



- Kills 99.9% of all germs
- No chemical residue, ozone, or extra radiation
- Auto-off when flipped over
- Long battery life
- 2 operation modes
- Lightweight and portable

Specifications	
Available Colors	White
UV Energy	4W
UV Diodes	6 UV-C LEDs
Wavelength	260-285nm
Disinfection Timers	59 seconds / 180 seconds
Input Port	Micro USB
Input	5V=1A
Battery Capacity	1100mAH
Max Uses Per Charge	59-second mode: 60 times; 180-minute mode: 20 times
Product Size	140 x 69 x 17mm
Product Weight	95g



59S Multiuse UVC Sterilizing Wand

Scan and Sanitize



- Kills 99.9% of all germs
- No chemical residue, ozone, or extra radiation
- Auto-off when flipped over
- Easily disinfect objects at any time
- Foldable, lightweight, and portable

Specifications	
Available Colors	White
Power	7W
UV Diodes	20 UV-C LEDs
Wavelength	260-285nm
Disinfection Time	2 seconds at a 3cm distance
Input Port	Micro USB
Input	5V=1A
Charging Time	Approx 2.5 hrs
Battery Capacity	2500mAh
Full-Charge Usage Time	50 mins
Product Size	257 x 42 x 40mm
Product Weight	210g



59S Portable Disinfecting Bag P11

Easy on-the-go bottle disinfection so feeding your baby is safer and easier.



-  Kills 99.9% of all germs
-  No chemical residue, ozone, or extra radiation
-  Thorough disinfection with no blind spots
-  3-minute disinfection on-the-go

Specifications	
Available Colors	Gray
UV Energy	8W
UV Diodes	9 UV-C LEDs
Wavelength	260-285nm
Disinfection Time	3 minutes
LED Lifespan	10,000 hours
Input Port	Micro USB
Input	5V=2A
Product Size	250 x 190 x 120mm
Product Weight	350g



59S Disinfecting Backpack P14

Durable double-layer design, 2-in-1 disinfection and storage



-  Kills 99.9% of all germs
-  No chemical residue, ozone, or extra radiation
-  Thorough disinfection with no blind spots
-  3-minute disinfection on-the-go

Specifications	
Available Colors	Blue, pink
UV Energy	8W
UV Diodes	17 UV-C LEDs
Wavelength	260-285nm
Disinfection Time	3 minutes
LED Lifespan	10,000 hours
Input Port	Micro USB
Input	5V=2A
Product Size	250 x 190 x 120mm
Product Weight	700g



59S Toy Disinfection Kit P18M

One-press disinfection for all kinds of children's toys



- 99.9%** Kills 99.9% of all germs
- No chemical residue, ozone, or extra radiation
- Thorough disinfection with no blind spots
- 3-minute disinfection on-the-go

Specifications	
Available Colors	Gray
UV Energy	8W
UV Diodes	12 17 UV-C LEDs
Wavelength	260-285nm
Disinfection Time	3 minutes
LED Lifespan	10,000 hours
Input Port	Micro USB
Input	5V=2A
Product Size	330 x 260 x 200mm
Product Weight	708g



59S Disinfection Bag for Household Items P26

Easy disinfection to keep daily necessities safe for you and your family



- 99.9%** Kills 99.9% of all germs
- No chemical residue, ozone, or extra radiation
- Thorough disinfection with no blind spots
- 3-minute disinfection on-the-go

Specifications	
Available Colors	Cherry blossom pink
UV Energy	8W
UV Diodes	12 UV-C LEDs
Wavelength	260-285nm
Disinfection Time	3 minutes
LED Lifespan	10,000 hours
Input Port	Micro USB
Input	5V=2A
Product Size	240 x 195 x 150mm
Product Weight	470g



59S Fast Disinfection Bag (Drying Version)

Easy disinfection to keep daily necessities safe for you and your family



- 99.9%** Kills 99.9% of all germs
- No chemical residue, ozone, or extra radiation
- Thorough disinfection with no blind spots
- 3-minute disinfection on-the-go

Specifications	
Available Colors	Cherry blossom pink
UV Energy	8W
UV Diodes	12 UV-C LEDs
Wavelength	260-285nm
Disinfection Time	3 minutes, + 1 hour drying
LED Lifespan	10,000 hours
Input Port	AC socket
Input	220V=1A
Product Size	245 x 210 x 180mm
Product Weight	840g



59S Medical-Grade Fast Disinfection Bag (Medical Version) P55

24 UV-C LED diode disinfection box for professional use



- 99.9%** Kills 99.9% of all germs
- No chemical residue, ozone, or extra radiation
- Thorough disinfection with no blind spots
- 3-minute disinfection on-the-go

Specifications	
Available Colors	Sky blue
UV Energy	18W
UV Diodes	24 UV-C LEDs
Wavelength	260-285nm
Disinfection Time	3 minutes
LED Lifespan	10,000 hours
Input Port	DC socket
Input	24V=0.75A
Product Size	240 x 195 x 150mm
Product Weight	620g



59S UV-C Disinfection Box Pro

The world's first 6-sided UV-C LED disinfection box



-  Kills 99.9% of all germs
-  No chemical residue, ozone, or extra radiation
-  Thorough disinfection with no blind spots
-  3-minute disinfection on-the-go

Specifications	
Available Colors	Blue, pink
UV Energy	27W
UV Diodes	24 UV-C LEDs
Wavelength	260-285nm
Disinfection Time	3 minutes
LED Lifespan	10,000 hours
Battery Capacity	-
Input Port	USB-C
Input	18V=1.5A
Product Size	302 x 269 x 154mm
Product Weight	1.59kg
Power Supply	Power adapter



Multiuse UVC Sterilizer

Disinfect and Storage



-  Kills 99.9% of all germs
-  No chemical residue, ozone, or extra radiation
-  Thorough disinfection with no blind spots
-  3-minute disinfection on-the-go

Specifications	
Available Colors	White
UV Energy	7W
UV Diodes	S1: 10 UV-C LEDs S2: 8 UV-C LEDs
Wavelength	260-285nm
Disinfection Time	3 minutes
LED Lifespan	10,000 hours
Input Port	USB-C
Input	10V=700mA
Product Size	S1: 235 x 108 x 75.5mm S2: 216 x 105 x 70mm
Product Weight	S1: 375g S2: 420g



Multiuse Disinfection Box

For pacifiers and other small items



-  Kills 99.9% of all germs
-  No chemical residue, ozone, or extra radiation
-  Thorough disinfection with no blind spots
-  3-minute disinfection on-the-go

Specifications	
Available Colors	White, gray
UV Energy	2W
UV Diodes	4 UV-C LEDs
Wavelength	260-285nm
Disinfection Time	59 seconds
LED Lifespan	10,000 hours
Input Port	Micro USB
Input	5V=400mA
Product Size	86 x 79.9 x 78.9mm
Product Weight	120g



Portable Disinfection Lid

Disinfect on the go, for dining out safely



-  Kills 99.9% of all germs
-  No chemical residue, ozone, or extra radiation
-  Thorough disinfection with no blind spots
-  3-minute disinfection on-the-go

Specifications	
Available Colors	Blue, pink
UV Energy	5W
UV Diodes	5 UV-C LEDs
Wavelength	260-285nm
Disinfection Timers	59 seconds, 3 minutes
Input Port	Micro USB
Input	5V=1A
LED Lifespan	10,000 hours
Battery Capacity	1100mAh
Battery Type	Lithium-ion
Product Size	163.6 x 120 x 11.8mm
Product Weight	99g



59S Cutting Board Disinfector

Eliminates cancer-causing aflatoxin
Prevents cross-contamination of raw foods



-  Kills 99.9% of all germs
-  No chemical residue, ozone, or extra radiation
-  Thorough disinfection with no blind spots
-  3-minute disinfection on-the-go

Specifications	
Available Colors	White
UV Energy	27W
UV Diodes	88 UV-C LEDs
Wavelength	260-285nm
Disinfection Timers	59 seconds, 3 minutes
Input Port	USB-C
Input	5V=2A
LED Lifespan	10,000 hours
Battery Capacity	3x 3000mAh
Battery Type	Lithium-ion
Product Size	397.3 x 264.5 x 26.4mm
Product Weight	1.2kg



59S Auto Closestool Disinfector

Disinfection starts once the lid is closed, and automatically stops when lid is opened
One click to kill germs that cannot be flushed away



-  Kills up to 99.9% of all germs
-  No chemical residue, ozone, or extra radiation
-  Thorough disinfection
-  Environmentally friendly

Specifications	
Available Colors	White
UV Energy	10W
UV Diodes	12 UV-C LEDs
Wavelength	260-285nm
Disinfection Time	300 seconds
Input	10V=1.5A
LED Lifespan	10,000 hours
Product Size	125.5 x 65 x 14mm
Product Weight	185g



The global leader in UV-C disinfection

The largest producer of LED disinfecting products in the world.

59S

The **Biggest UV LED** Company in the world. 1 of every 2 LED diodes comes from 59S.

The **global leader** in UV-C LED disinfection.

59S was founded in 2013 and now boasts over 1,000 employees all over the world. Focusing on R&D and production of UV-C LEDs—from chip R&D, to UV LED diodes, to UV-C disinfection bags and boxes, to UV-A nail curing devices, and more.

UV-C LEDs are the **No. 1** in market sales in the field of disinfection.

59S is the **leading UV-C LED** company with markets in the most countries—selling in nearly 87 countries worldwide.

The first company to commercialize UV-C LED disinfection technology.

The pioneering enterprise of UV disinfection wands, bags, and boxes.

59S won the world's most prominent design innovation awards and filed several global patents



IF

3



reddot design award

Reddot

1



G-MARK

1



IDEA

1



Upstyle Award



天猫金婴奖



INNOVATION AWARD WINNER 2019



PATENTS

274



General Headquarters

Unicenter, 15th Floor, Shenzhen



UV Packaging Center

Building 1, 7th Floor, Tajjiale Industrial Park, Guangming District, Shenzhen



Production Center

Building 2A, Baoxin Technology Industrial Park, Guangming District, Shenzhen



Production Center

Building C, Floors 2-9, Zhongchuang Industrial Park, Zhongshan City

