



## DISINFECTION LAMPS

DISTRIBUIÇÃO EM PORTUGAL



📞 +351 918 783 539

✉️ lvidigal@nan.pt

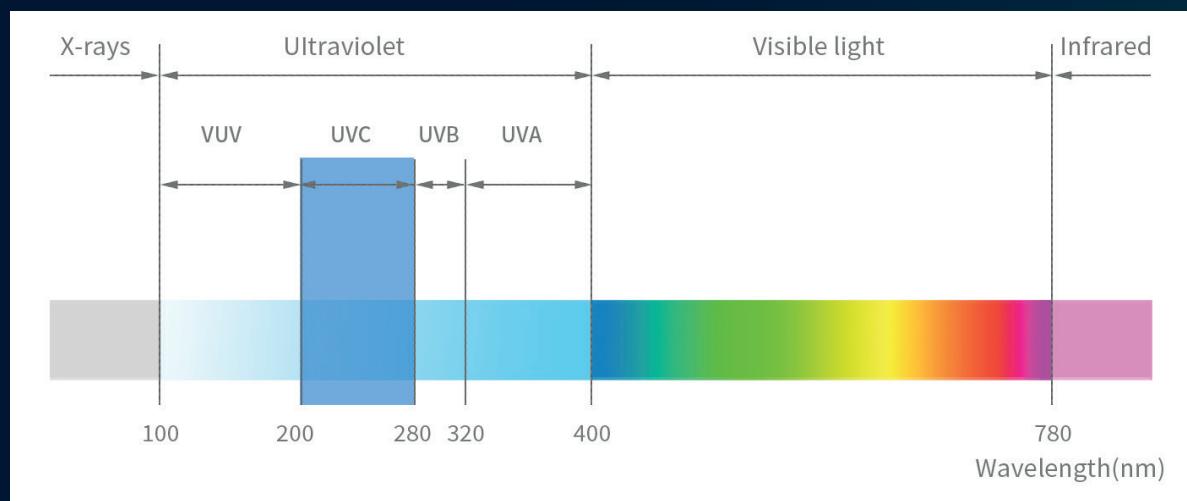
www.NAN.pt

facebook.com/nan.pt

# GOLDENSEA UV

## WHAT IS UV AND UVC?

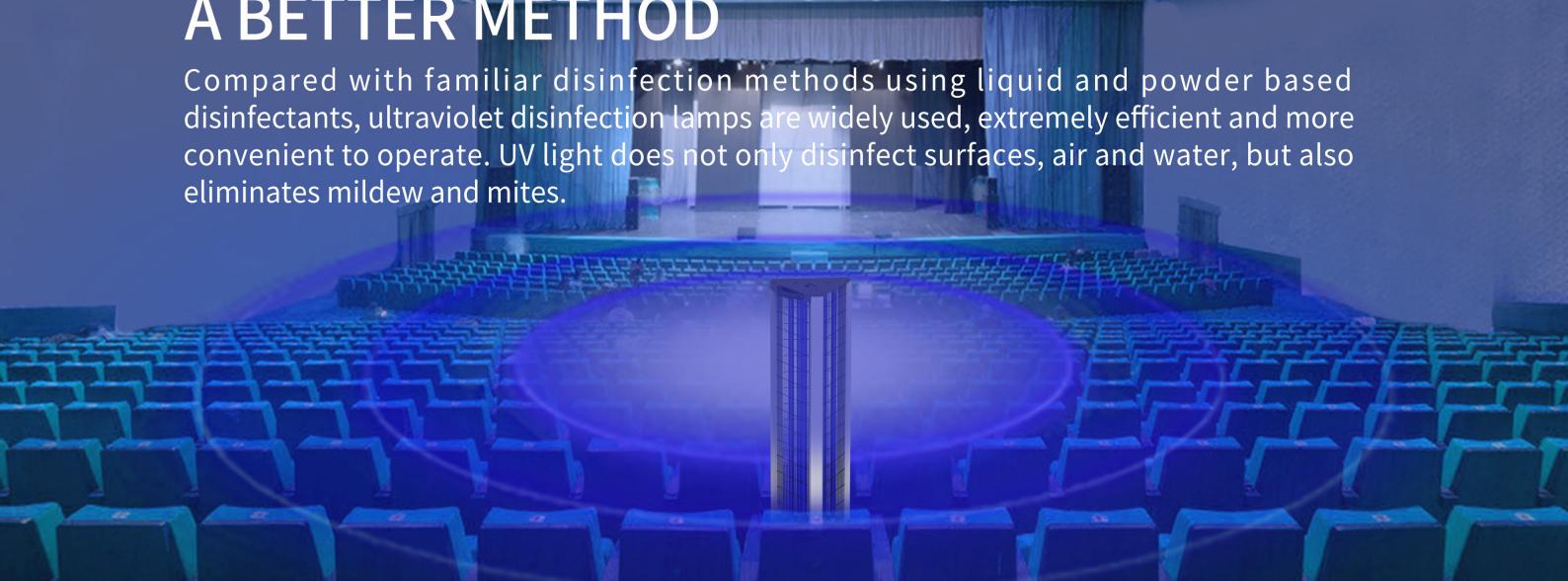
Ultraviolet light is a form of radiation and an invisible part of the electromagnetic spectrum. It has a wavelength between 100nm-380nm. UVC with a wavelength of 200nm-280nm has proved to be the most effective disinfectant wavelength in the UV Spectrum. As we all know UV Light is also found in sunlight.



GOLDENSEA UV uses the ultraviolet spectral wavelength 253.7nm. This belongs to the short-wave UVC spectrum and is an efficient and better choice for disinfection!

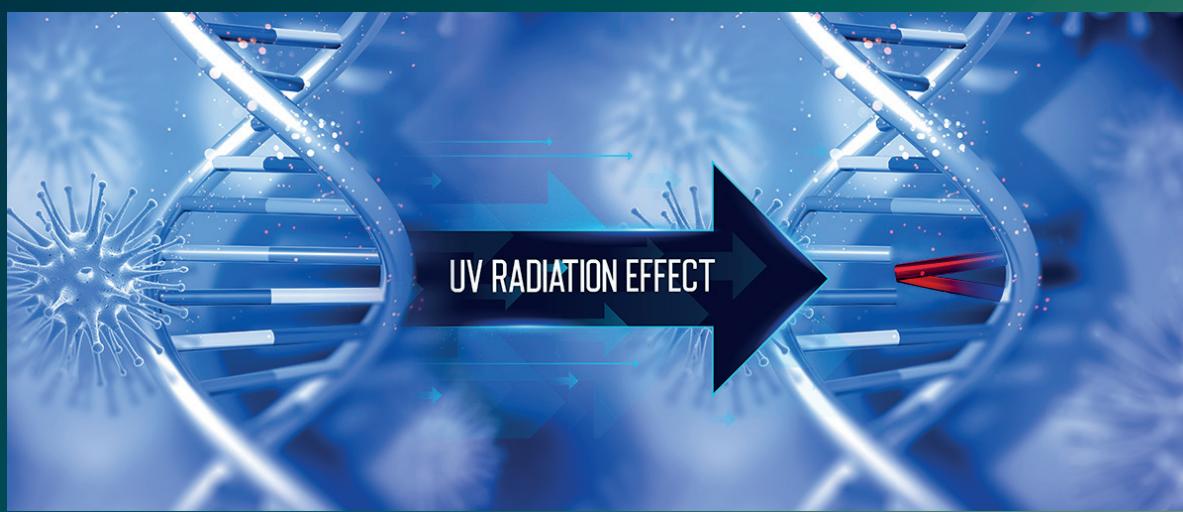
# ULTRAVIOLET DISINFECTION IS A BETTER METHOD

Compared with familiar disinfection methods using liquid and powder based disinfectants, ultraviolet disinfection lamps are widely used, extremely efficient and more convenient to operate. UV light does not only disinfect surfaces, air and water, but also eliminates mildew and mites.



## HOW DOES UVC KILL BACTERIA AND VIRUS?

UVC (in particular 253.7nm) destroys the molecular structure of DNA (deoxyribonucleic acid) and RNA (ribonucleic acid) of microbial (bacteria and virus) cells, causing the death of growth cells and/or regenerative cells, thus achieving the effect of disinfection.



### WARNING

Ultraviolet light can cause damage to eyes and skin.

All personnel, animals and plants must leave/ be moved from the site during use.

# INDUSTRIAL PRODUCTS



**UVL72**



**UVL150**



**UVL220**

Product description	2- tube ultraviolet disinfection light (72W)	4- tube ultraviolet disinfection light (144W)	6- tube ultraviolet disinfection light (216W)
Description on marketing material	GSUV ULTRAVIOLET DISINFECTION LAMP FOR COMMERCIAL AND RESIDENTIAL ENVIRONMENTS		
Product type	Industrial Ultraviolet disinfection light		
Applications	Disinfection of small to medium size rooms (up to 80 sqm): living room, bedroom, classroom, dining room, office, etc.	Disinfection of medium size rooms (up to 160 sqm): living room, hotel, office, classroom and other medium - sized places	Disinfection of medium to large size rooms: hotel, office, classroom, workshop and other medium to large - sized places
Features	2 mins delay to light up, mechanical switch and remote control, remote control through the wall, radar sensor, buzzer alarm, 3 options of disinfection time, falling power-off design		
Disinfection duration/ Disinfection area	30 mins/20m <sup>2</sup> , 60 mins/40m <sup>2</sup> , 120 mins/80m <sup>2</sup>	30 mins/40m <sup>2</sup> , 60 mins/80m <sup>2</sup> , 120 mins/160m <sup>2</sup>	60 mins/120m <sup>2</sup> , 120 mins/240m <sup>2</sup> , 180 mins/360m <sup>2</sup>
Disinfection height range	0-4m		
IP Rating	IP20		
<b>SOFTWARE</b>			
Child safety lock	No		
Software upgrade	No		
Lamp on delay	2 mins delay to boot up		
Motion detection	Lamp immediately doused once detecting motion		
Alarm Buzzer	Buzzer for 2 mins at startup		
Tilt protection	Luminaire immediately turns off when tilted at 45 degrees or more		
Disinfection timing options	3 options		
<b>CONTROL</b>			
Remote control	Yes		
Switch/panel type	Mechanical switch and key switch		
Control	Mechanical switch, key switch and remote control		
<b>ELECTRICAL</b>			
PSU	Electronic ballast		
Power consumption	90W (estimated)	180W (estimated)	270W (estimated)
Voltage	100V-240V/50-60HZ		
Power factor	>0.9		
Current	1A	2A	3A
Battery operation	No		

# INDUSTRIAL PRODUCTS



**UVL72**

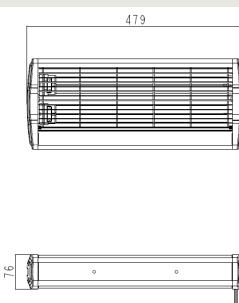
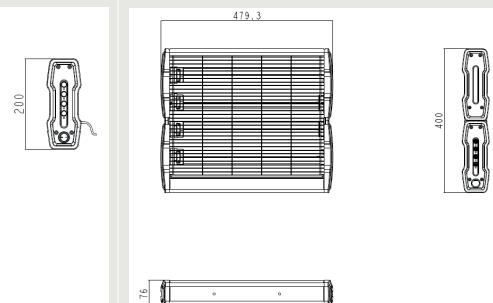


**UVL150**



**UVL220**

## DIMENSIONS & WEIGHT

Product dimensions	479 x 76 x 200mm	479.3 x 76 x 400mm	TBA
Inner dimension	N/A	N/A	N/A
Packing dimensions (Carton)	N/A	N/A	N/A
Net weight	2.65 KG	3.8 KG	TBA
Gross Weight (Carton)	N/A	N/A	N/A
Dimensional drawing	 		

## OTHERS

Tube material	Quartz glass
Housing Material	Aluminium alloy
Compliance	CE ETL FCC
Mounting	Surface mount or Wall mount
Accessory	Reflector
Power cord	1.8m
Instructions for use	<p>Usage:</p> <ol style="list-style-type: none"> <li>Set the mechanical switch to the ON position, then press the key to start the luminaire</li> <li>Leave the area immediately after the disinfection time is selected. The disinfection will start automatically after 2 minutes. The disinfection times available are 30 minutes, 60 minutes and 120 minutes</li> <li>Please turn off the mechanical switch after disinfection to avoid accidentally activating the luminaire again</li> </ol> <p>Remote control:</p> <ol style="list-style-type: none"> <li>Set the mechanical switch to the ON position, then press the button on the remote control to start the luminaire</li> <li>Choose a disinfection time and the disinfection will begin after a 2 minute delay</li> </ol>
Cautions	<ol style="list-style-type: none"> <li>Ultraviolet disinfection lamp products emitting UV-C at 253.7nm must only be used in an environment with no living things present (humans, animals, plants) Ultraviolet light may cause skin redness, itching, peeling, and eye conjunctive damage caused by electro-optical ophthalmitis. Never look directly at the lamp without suitable eye protection when it is powered on and emitting light. It is essential that all people and pets leave the room before the lamp is turned on and only re-enter the room after the lamp has been turned off/ has finished its disinfection cycle</li> <li>Ultraviolet has a degrading effect on many materials including plastics, paper and cloth. Exposure to irradiation over long periods of time may cause the surface of the irradiated objects to change color and or become more brittle. Never use ultraviolet sterilization lamp products emitting direct irradiation on expensive clothing, ornaments, calligraphy, painting and other valuables</li> <li>The surface of the lamp tube should be kept clean when using the UV disinfection lamp. It is recommended to clean the lamp tube regularly when not in use (usually every 2 weeks). When cleaning, please use a soft clean cotton cloth with a small amount of alcohol to wipe the lamp tube surface, remove the dust and oil</li> <li>A side effect of disinfection can be an abnormal smell, similar to that of the sun drying wet bedding, we recommend that spaces are well ventilated for 10-15 minutes following disinfection</li> <li>UV lamps should be properly protected after disinfection and placed out of reach of children, in a safe place</li> <li>Impact and strong vibration may cause the lamp tube to break. Should the lamp tube break, immediately turn off the power supply and dispose of the lamp, wearing protective gloves and according to your local toxic and harmful garbage rules. Should a lamp break, immediately open the windows for 10-15 minutes of ventilation</li> <li>Never disinfect areas with inflammable or explosive items as you may otherwise cause burning or explosion</li> <li>If the lamp tube needs to be replaced, replace only with the original brand of lamp tube and complete the operation according to the procedures in the user manual</li> </ol>

# INDUSTRIAL PRODUCTS



**UVT72**



**UVM900**



**UVM216**

Product description	T8x2- tube ultraviolet disinfection light (72W)	Large moveable ultraviolet disinfection light	Large moveable ultraviolet disinfection light
Description on marketing material	GSUV ULTRAVIOLET DISINFECTION LAMP FOR COMMERCIAL AND RESIDENTIAL ENVIRONMENTS	GSUV DISINFECTION UNIT FOR LARGE SPACES	GSUV DISINFECTION UNIT FOR MEDIUM SPACES
Product type	Industrial Ultraviolet disinfection light	Industrial Ultraviolet disinfection light	Industrial Ultraviolet disinfection light
Applications	Disinfection of medium to large size rooms (up to 120 sqm): hotel, office, workshops, classroom, small theater, etc.	Disinfection of large spaces (up to 1440 sqm): hotels, schools, studios, large theater, gymnasium, workshop and other large public places.	Disinfection of large spaces (up to 360 sqm): hotels, schools, studios, small theater, gymnasium, workshop and other large public places.
Features	3 mins delay to light up, mechanical switch and remote control, remote control through the wall, radar sensor, buzzer alarm, 3 options of disinfection time, falling power-off design		
Disinfection duration/ Disinfection area	60 mins/40m <sup>2</sup> ,120 mins/80m <sup>2</sup> ,180 mins/120m <sup>2</sup>	60 mins/480m <sup>2</sup> ,120 mins/960m <sup>2</sup> ,180mins/1440m <sup>2</sup>	60 mins/120m <sup>2</sup> ,120 mins/240m <sup>2</sup> ,180mins/360m <sup>2</sup>
Disinfection height range	0-4m	0-8m	0-4m
IP Rating	IP20	IP20	IP20
<b>SOFTWARE</b>			
Child safety lock		No	
Software upgrade		No	
Lamp on delay		3 mins delay to boot up	
Motion detection		Lamp immediately doused once detecting motion	
Alarm Buzzer		Buzzer for 3 mins at startup	
Tilt protection		Luminaire immediately turns off when tilted at 45 degrees or more	
Disinfection timing options		3 options	
<b>CONTROL</b>			
Remote control		Yes	
Switch/panel type		Mechanical switch and key switch	
Control		Mechanical switch, key switch and remote control	
<b>ELECTRICAL</b>			
PSU		Electronic ballast	
Power consumption	90W (Estimated)	1080W (Estimated)	270W (Estimated)
Voltage		100V-120V/60HZ, 220V-240V/50HZ	
Power factor		>0.9	
Current	1A	12A	3A
Battery operation		No	

# INDUSTRIAL PRODUCTS



**UVT72**



**UVM900**



**UVM216**

## DIMENSIONS & WEIGHT

Product dimensions	1266 x 76 x 200 mm	740 x 608 x 1353 mm	400 x 350 x 1420 mm
Inner dimension	N/A	N/A	N/A
Packing dimensions (Carton)	N/A	N/A	N/A
Net weight	N/A	N/A	N/A
Gross Weight (Carton)	N/A	N/A	N/A
Dimensional drawing			

## OTHERS

Tube material	Quartz glass		
Housing Material	Aluminium alloy		
Compliance	CE ETL FCC		
Mounting	Surface mount or Wall mount	Mobile placement	Mobile placement
Accessory	Reflector	No	Reflector
Power cord	1.8m	1.8m	1.8m
Instructions for use	<p>1. Set the mechanical switch to the on position, then press the key to start the luminaire          2. Leave the area immediately after the disinfection time is selected. The disinfection will start automatically after 2 minutes. The disinfection times available are 30 minutes, 60 minutes and 120 minutes          3. Please turn off the mechanical switch after disinfection to avoid accidentally activating the luminaire again</p> <p>Remote control:          1. Set the mechanical switch to the on position, then press the button on the remote control to start the luminaire          2. Choose a disinfection time and the disinfection will begin after a 2 minute delay.</p>		
Cautions	<p>1. Ultraviolet disinfection lamp products emitting UV-C at 253.7nm must only be used in an environment with no living things present (humans, animals, plants). Ultraviolet light may cause skin redness, itching, peeling, and eye conjunctive damage caused by electro-optical ophthalmitis. Never look directly at the lamp without suitable eye protection when it is powered on and emitting light. It is essential that all people and pets leave the room before the lamp is turned on and only re-enter the room after the lamp has been turned off/ has finished its disinfection cycle.</p> <p>2. Ultraviolet has a degrading effect on many materials including plastics, paper and cloth. Exposure to irradiation over long periods of time may cause the surface of the irradiated objects to change color and or become more brittle. Never use ultraviolet sterilization lamp products emitting direct irradiation on expensive clothing, ornaments, calligraphy, painting and other valuables.</p> <p>3. The surface of the lamp tube should be kept clean when using the UV disinfection lamp. It is recommended to clean the lamp tube regularly when not in use (usually every 2 weeks). When cleaning, please use a soft clean cotton cloth with a small amount of alcohol to wipe the lamp tube surface, remove the dust and oil.</p> <p>4. A side effect of disinfection can be an abnormal smell, similar to that of the sun drying wet bedding, we recommend that spaces are well ventilated for 10-15 minutes following disinfection.</p> <p>5. UV lamps should be properly protected after disinfection and placed out of reach of children, in a safe place.</p> <p>6. Impact and strong vibration may cause the lamp tube to break. Should the lamp tube break, immediately turn off the power supply and dispose of the lamp, wearing protective gloves and according to your local toxic and harmful garbage rules. Should a lamp break, immediately open the windows for 10-15 minutes of ventilation;</p> <p>7. Never disinfect areas with inflammable or explosive items as you may otherwise cause burning or explosion.</p> <p>8. If the lamp tube needs to be replaced, replace only with the original brand of lamp tube and complete the operation according to the procedures in the user manual.</p>		

# INDUSTRIAL PRODUCTS



**UV-VRV**



**UV4C**

Product description	High power A/C ultraviolet disinfection lightd	Ultraviolet disinfection cabinet
Description on marketing material		GSUV DISINFECTION CABINET
Product type	Industrial ultraviolet disinfection light	Ultraviolet disinfection cabinet for household
Applications		Disinfection of daily use items: mobile phone, headset, mask, office stationery, makeup tools, and other small items
Features		One key to start, 3 options of disinfection time, can disinfect multiple items
Disinfection duration/ Disinfection area		5mins/0.3m <sup>2</sup> , 10mins/0.6m <sup>2</sup> , 30mins/1.8m <sup>2</sup>
Disinfection height range		No
IP Rating		IP20
<b>SOFTWARE</b>		
Child safety lock		No
Software upgrade		No
Lamp on delay		No
Motion detection		Lamp immediately doused once opening the cabinet
Alarm Buzzer		No
Tilt protection		No
Disinfection timing options		3 options
<b>CONTROL</b>		
Remote control		No
Switch/panel type		Touch keys
Control		Touch keys
<b>ELECTRICAL</b>		
PSU		Electronic ballast
Power consumption		12W (Estimated)
Voltage		100-120/60HZ, 220-240V /50HZ
Power factor		>0.45
Current		Max 100mA
Battery operation		No

# INDUSTRIAL PRODUCTS



**UV-VRV**



**UV4C**

## DIMENSIONS & WEIGHT

Product dimensions	1300x240x50mm	395 x 430 x 620 mm
Inner dimension		215 x 105 x 38mm
Packing dimensions (Carton)		N/A
Net weight		10.8 KG
Gross Weight (Carton)		13.8 KG
Dimensional drawing		

## OTHERS

Tube material	Quartz glass	
Housing Material	Aluminium, Anti-UV Organic glass	
Compliance	CE ETL FCC	
Mounting	Ceiling	Desktop
Accessory	No	No
Power cord	1.8m	1.8m
Instructions for use	1. Open the cabinet door and put the items in the cabinet and close the door. 2. Hold the power button to start the machine, press the time button to select the disinfection time, and press the power button to open the disinfection. 3. When you choose the time, you will hear a sharp warning sound	
Cautions	1. The disinfection function can only be activated after the cabinet door is closed. 2. Valuables are not recommended to be put into the cabinet. Items may be discolored. 3. Inflammable and explosive articles are prohibited to be put into the disinfection cabinet.	

# GOLDENSEA UV

DISTRIBUIÇÃO EM PORTUGAL



+351 918 783 539

lvidigal@nan.pt

[www.NAN.pt](http://www.NAN.pt)

[facebook.com/nan.pt](https://facebook.com/nan.pt)