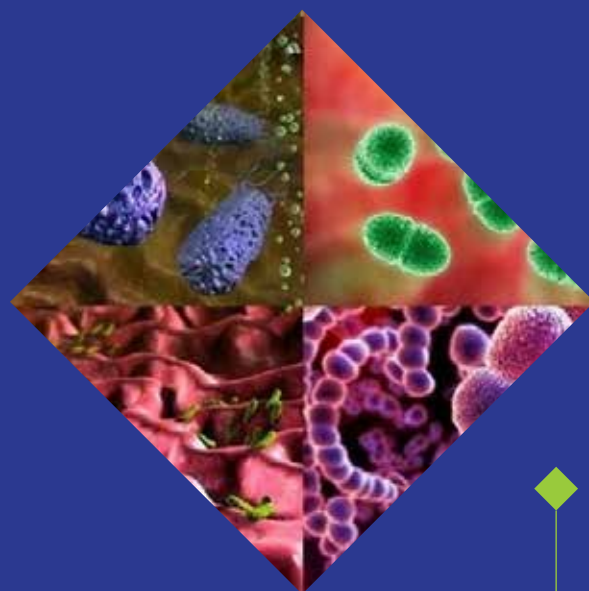


SOLANA UV Sterilizer Light



APPLICATION

Ideal for Clinic, Hospital, Factory, Pharmacy, Dental Clinic, Ambulance, Office, School, Food Court, Green House, Kitchen, Warehouse, Restaurant, Villas, Palaces, Apartment, Hotels, Cinema, Kids Playing Area Shopping Areas, Building, Central air conditioning and water work, etc...

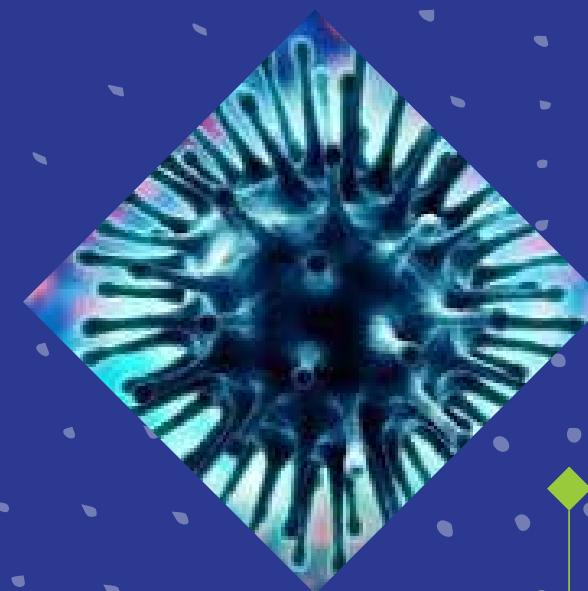
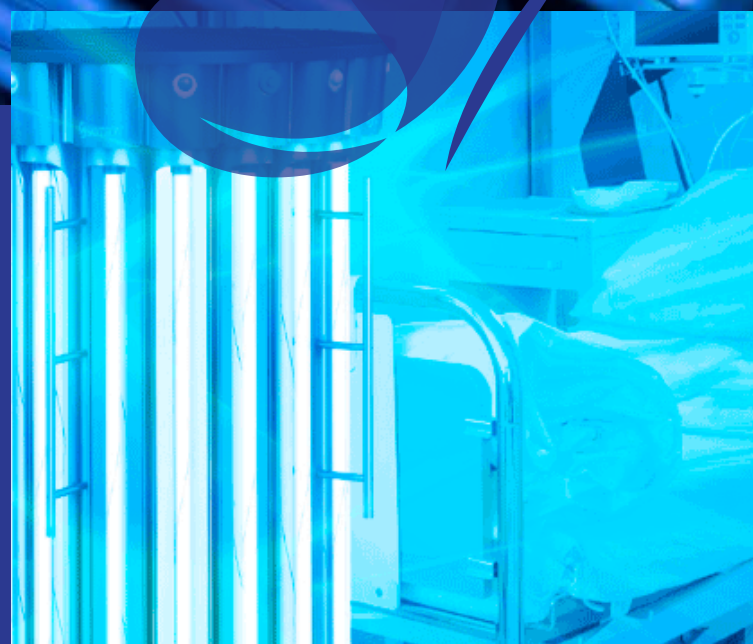
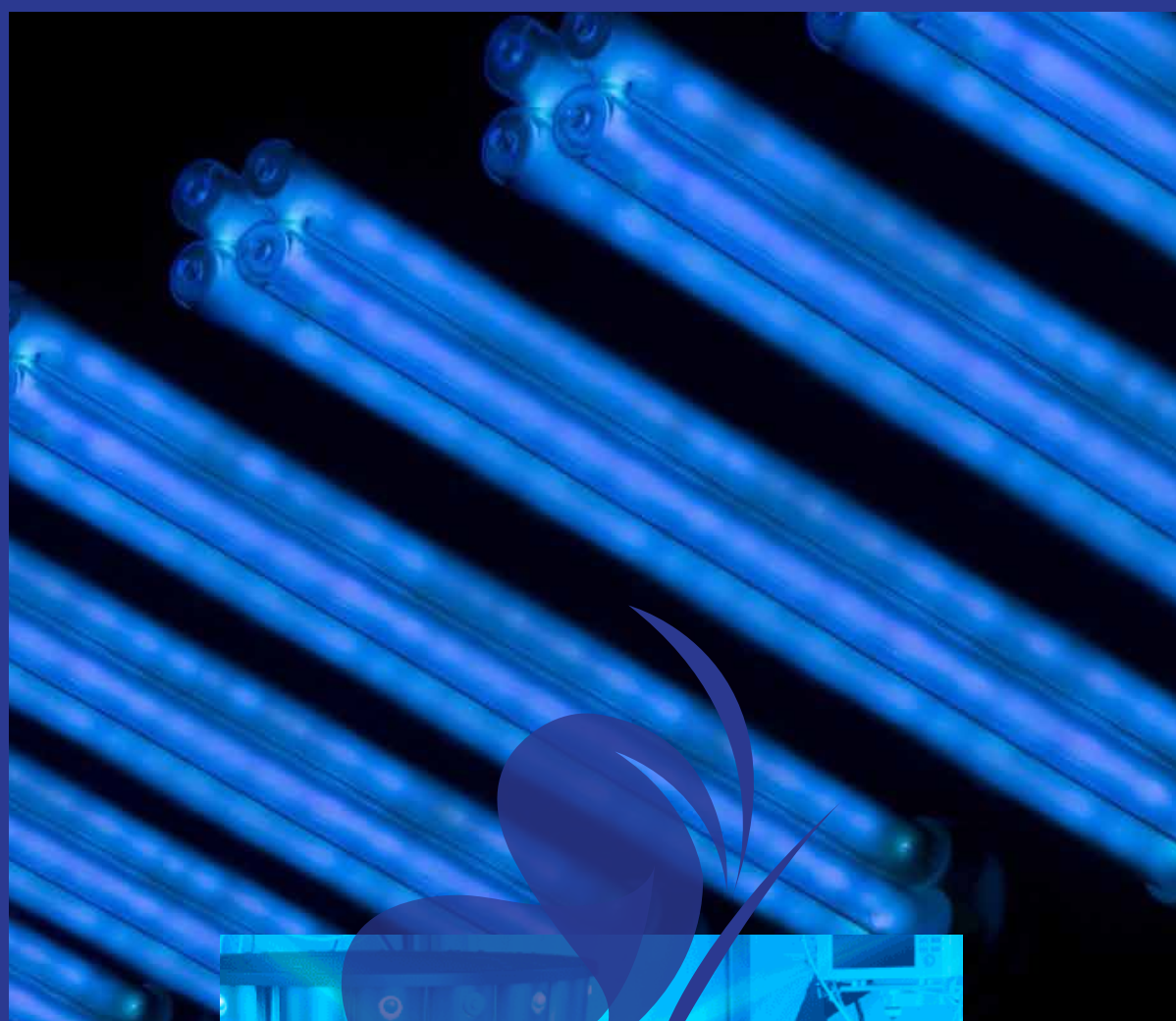


FEATURES

Solana Family is used as a pure source of UV-C light.

UVC can penetrate the cell membrane and nucleus of organisms, destroy the molecular structure of DNA (deoxyribonucleic acid) or RNA (ribonucleic acid) in the cells of microorganisms, can cause growth cell death or regenerative cell death, thereby killing each cell. The effect of variety of pathogens, such as bacterial propagules, spores, viruses, fungi, etc. Therefore, UVC is also called germicidal UV.

In our sterilization UVC-LED product Series we are using the latest development in UVC LED technology and produce safe smart programmable device can be integrated with different networks and can be used for sterilization.



Solana UV Down Light

FEATURES

- ♦ Killing all type of Virus, Bactria and Germ.
- ♦ Intelligent with programmable option (via smartphone)
- ♦ Disinfection of room air and surfaces in dry or humid rooms.
- ♦ High efficiency for short disinfection times.
- ♦ Different options available for ceiling- or wall-mounting.
- ♦ UVC-stable, aluminum housing.
- ♦ Semi conductor technology long operating life.
- ♦ Safety Low voltage, no ozone, no mercury, low temperature use.
- ♦ Fast and easy fitting.
- ♦ Environmental protection: UV LED does not contain any toxic substance.
- ♦ Easy to clean.



PRODUCT APPLICATION

Office, Home, Hospital, Schools, Hotels, Supermarkets, Factories, A/C and water work, Drwaers and tracks product storage, Cinema, Restaurant, etc..



PRODUCT DIMENSION

Model	W mm	L mm	H mm
SOL-CRX5-N150-20W-UVC	42	169	150
SOL-CRX5-N200-35W-UVC	42	228	200

PRODUCT DETAILS

Family Name	Solana
Part Number	SOL-CRX5-N150-20W-UVC / SOL-CRX5-N200-35W-UVC
Materials	Aluminum, Acrylic, & Environment-friendly
Installation	Recessed
Power	20W / 30W
UV Source	UV 3535 Semi conducto
Power Supply	Gruenes Licht
Sterilizing time	30 to 60 minutes
Overvoltage protection	320 V AC, 48 h
λ (at 230 V, 50 Hz, full load)	0.98
Beam Angle	120°
Life Time	>50,000Hour
Operating Temp / Storage Temp	(-20°C to +60°C) / (-40°C to +85°C)
IP Rating	IP 20
Environment humidity	<80%
Disinfection zone	10-40 square meter
Warranty	Up to 5 Years
Control	Schedule by smart phone / Network(Optional)
Radiant Power (Typ)	168mw
Peak Wave Lenght (Typ)	270 nm / 294 nm



- 1-People, animals and plants must leave the site and avoid looking directly at the UV light source.
- 2-The recommended sterilization time is 30 minutes to 60 minutes.
- 3- Clean the fixture cover every 3 Monthes is recomended.

Solana UV Liner Light

FEATURES

- ♦ Killing all type of Virus, Bactria and Germ.
- ♦ Disinfection of room air and surfaces in dry or humid rooms.
- ♦ High efficiency for short disinfection times.
- ♦ Different options available for ceiling- or wall-mounting.
- ♦ Long Life as it is Semiconductor technology.
- ♦ Safety: Low voltage, no ozone, no mercury, low temperature use.
- ♦ High Protection: disconnected in case of human or pet presence.
- ♦ Environmental protection: UV LED does not contain any toxic substance
- ♦ Programmable ON/OFF Schedule by different option (via smartphone, KNX network, DMX network).
- ♦ Easy Installations and low cost operation and maintenance.
- ♦ UVC LED technology is environmentally friendly.
- ♦ UVC LED radiation has no harmful effect when overdosed



PRODUCT APPLICATION

Office, Home, Hospital, Schools, Hotels, Supermarkets, Factories, A/C and water work, Drwaers and tracks product storage, Cinema, Restaurant, etc..



PRODUCT DIMENSION

Model	W mm	L mm	H mm
SOL-LLX-50X80X1200-CC-25W/M-UVC	50	80	1200

PRODUCT DETAILS

Family Name	Solana
Part Number	SOL-LLX-50X80X1200-CC-25W/M-UVC
Materials	Aluminum, Acrylic, &Environment-friendly
Installation	Recessed, Suspended , Surface mounted, Wall Mounted
Power	25W
UV Source	UV 3535 Semi conductor
Power Supply	Gruenes Licht
Sterilizing time	30 to 60 minutes
Typ. efficiency (at 230 V, 50 Hz, full load)	92%
λ (at 230 V, 50 Hz, full load)	0.98
THD (at 230 V, 50 Hz, full load)	< 9 %
Starting time (at 230 V, 50 Hz, full load)	<0.7s
Starting time (DC mode)	<0.3s
Switchover time (AC/DC)	<0.2s
Turn off time (at 230 V, 50 Hz, full load)	<50ms
Max. output voltage (U-OUT)	250V
Mains surge capability (between L - N)	1 KV
Mains surge capability (between L/N - PE)	2 KV
Surge voltage at output side (against PE)	<500V
Beam Angle	120°
Life Time	>50,000Hour
Operating Temp / Storage Temp	(-20°C to +60°C) / (-40°C to +85°C)
IP Rating	IP 20 / 40 (As per customer request)
Environment humidity	<80%
Disinfection zone	10-40 square meter
Warranty	Up to 5 Years
Control	Schedule by smart phone / Network(Option)
Radiant Power (Typ)	840mw/1m
Peak Wave Lenght (Typ)	270 nm

25W



- 1-People, animals and plants must leave the site and avoid looking directly at the UV light source.
- 2-The recommended sterilization time is 30 minutes to 60 minutes.
- 3- Clean the fixture cover every 3 Monthes is recomended.

Solana UV Intelligent Sterilizer

FEATURES

- ♦ Killing all type of Virus, Bactria and Germ.
- ♦ High efficiency for short disinfection times.
- ♦ Long Life as it is Semiconductor technology.
- ♦ Safety: Low voltage, no ozone, no mercury, low temperature use.
- ♦ Environmental protection: UV LED does not contain any toxic substance
- ♦ Programmable ON/OFF Schedule the different options.
- ♦ Easy Installations and low cost operation and maintenance.
- ♦ UVC LED technology is environmentally friendly.
- ♦ UVC LED radiation has no harmful effect when overdosed.
- ♦ Disinfection inside machines.



PRODUCT APPLICATION

Factories, Drwaers and tracks product storage, Sterilizer Box Beauty Tools etc..

PRODUCT DIMENSION

Model	W mm	L mm	H mm
SOL-LL-45x63x100-CV-10W-UVC	45	63	100

PRODUCT DETAILS

Family Name	Solana
Part Number	SOL-LL-45x63x100-CV-10W-UVC
Materials	Aluminum, Acrylic, &Environment-friendly
Installation	Inside the tool box
Power	10W
UV Source	UV 3535 Semi conductor
Power Supply	Gruenes Licht
Sterilizing time	30 to 60 minutes
In Put Viltage	12VDC
λ (at 230 V, 50 Hz, full load)	0.98
Beam Angle	120°
Life Time	>50,000Hour
Operating Temp / Storage Temp	(-20°C to +60°C) / (-40°C to +85°C)
IP Rating	IP 40
Environment humidity	<80%
Disinfection zone	10-40 square meter
Warranty	Up to 5 Years
Control	Schedule by smart phone / Network(Option)
Radiant Power (Typ)	84mw
Peak Wave Lenght (Typ)	270 nm

10W



- 1-People, animals and plants must leave the site and avoid looking directly at the UV light source.
- 2-The recommended sterilization time is 30 minutes to 60 minutes.
- 3- Clean the fixture cover every 3 Months is recommended.

