

UV-C STERILON 108W RCR

DETAILED CARD



TECHNICAL PARAMETERS

Nominal power [W]:	108
Supply voltage [V]:	220 - 240
Electrical protection class:	II
Material of the body:	PP
Dimensions (H/W/T/S) [mm]:	270/480/100
Ingress protection:	IP20
Mounting version:	mounting on a tripod or wall bracket
Direct surface disinfection function:	yes

CHARACTERISTICS

UVC STERILON lamps emitting ultraviolet light are one of the most effective devices capable of removing viruses, bacteria, fungi from the surface or destroying the DNA or RNA of any exposed microorganisms. It is enough to direct the UV lamp directly onto the surface for a specified time to effectively kill microorganisms. They are so powerful that they may produce harmful effects on human skin or eyes. Therefore, basic safety precautions should be observed when using UVC lamps for disinfection, i.e. you should not stay within the range of the light beam. **The task of the inverted RCR motion sensor** is to protect people and animals against accidental intrusion into the zone of direct UV-C radiation of the lamp when it is switched on. When motion is detected (contrary to the standard application of the RCR sensor), the UV-C module is turned off. If there is no motion for a period of 10 minutes (in the specified coverage zone), the UV-C module is turned on again.

APPLICATION

Lamps with higher power (108W) will prove well in a room up to 35m², those with the wattage of 72W are designed for areas of up to 25m². There are recommended for use in healthcare facilities, grocery stores, public and private means of transport, at petrol stations, courier companies, public administration, and educational establishments. Depending on the distance from the light source, temperature and humidity, we take 15 minutes as an approximate disinfection time.

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TECHNICAL PARAMETERS TABLE

Index:	240379	Type of light:	ultraviolet UV-C
Category type:	bactericidal and virucidal lamps	Service life of the UV-C radiation source [h]:	9000
Product line:	UV-C STERILON	Type of direct surface disinfection:	one-way
Light source:	UV-C	Internal element emitting UV-C radiation [W]:	3x36
Nominal power [W]:	108	CE certificate:	203/2020
Supply voltage [V]:	220 - 240	Warranty [years]:	2
Electrical protection class:	II	Manual:	Download PDF
Exchangeable source:	yes	EAN:	5905963240379
Material of the body:	PP	Frequency [Hz]:	50 - 60
Colour of the body:	white	Luminous efficacy [lm/W]:	4.80
Dimensions (H/W/T/S) [mm]:	270/480/100	Light colour:	violet
Ingress protection:	IP20	LED lifespan L70B50 [h]:	9000
Mounting version:	mounting on a tripod or wall bracket	Working temperature [°C]:	from -20 to +45
Plug type:	UNI-SCHUKO	Operating mode:	no
Cable length [m]:	5	Control:	no
Switch:	yes	Master/slave:	no
Net weight [kg]:	3.110	Through wiring:	no
Total power consumption [W]:	108	Protection type:	mo
UV-C wavelength [nm]:	253.70	Number in carton box [pcs]:	1
Direct surface disinfection function:	yes	Number on the palette [pcs]:	36
Illumination area at a distance of 1 m:	35	PZH certificate:	B-BK-60212-0217/20

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ACCESSORIES AVAILABLE

index	Name
000737	FUTURE STAND Tripod with Click Head System
WL36500	PL-L UV-C 36W 2G11 OSR fluorescent lamp
243615	Magnetic holder UV-C Sterilon 36W
243622	Ceiling holder UV-C Sterilon 180x180x12mm
WSEL433	RCR remote control / programmer
243639	UV-C protective glasses



FUTURE STAND Tripod with Click Head System (000737)



UV-C protective glasses (243639)

Card creation date: 08 March 2022

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%

 This product is a subject to electric and electronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 203/2020