



UV-C disinfection chamber

UVCC100 68W 10

4 pcs - 220 to 240 V - 50 or 60 Hz - Safety class I - Finger-protected - 0.2 J standard

Philips UV-C disinfection chamber (UVCC200 / UVCC100) optimizes the effectiveness of Philips UV-C lamp (253.7nm) to provide 4-log (99.99%) disinfection with certain time guidelines. It is designed for versatile objects surface disinfection. By means of 2 sizes offer, it fits multiple applications for professional use. e.g. offices, hotels, courier services. This UV-C disinfection chamber is not approved and/or certified as a medical device.

Warnings and Safety

• **DANGER:** Like any disinfection system, UV-C lamps and devices must be installed and used in the correct way. Direct exposure to UV-C can be dangerous and result in a sunburn-like reaction to the skin and serious damage to the cornea. UV-C disinfection mini chambers must only be sold through qualified partners and installed by professionals according to our stringent safety and legal requirements. Our UV-C products are not meant to be used in applications or activities which may cause and/or lead to death, personal injury and/or damage to the environment. **DISCLAIMER:** The UV-C disinfection chamber effectiveness in the inactivation of certain viruses, bacteria, protozoa, fungi or other harmful micro-organisms is as described above under the heading "Benefits". Signify and its group of companies do not promise or warrant that the use of the UV-C disinfection chamber will protect or prevent any user from infection and/or contamination with any viruses, bacteria, protozoa, fungi, illness or disease. The UV-C disinfection chamber is not approved for, is not intended for and must not be used to disinfect medical devices and must not be used in medical settings. In addition to and without limitation of any exclusions or limitations of liability of Signify and its group of companies as set forth in any agreement for the sale, distribution or otherwise making available of the UV-C disinfection chamber, Signify and its group of companies shall have no responsibility or liability whatsoever for any claim or damage that may arise from or relate to any use of the UV-C disinfection chamber outside of their intended use or contrary to their installation and operation instructions, each as described in this document under the heading "Application", the user manuals and/or the mounting instructions.

Product data

UV-C disinfection chamber

General Information	
Number of light sources	4 pcs
Beam angle of light source	- °
Number of gear units	4 units
Gear	HF-S [HF Selectalume]
Optic type	-
Luminaire light beam spread	-
Control interface	-
Connection	Mains outlet socket
Cable	Cable 2 m with plug
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	1 years
Number of products on MCB of 16 A type B 7	
Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
EU RoHS compliant	Yes
Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz
Inrush current	72 A
Inrush time	0.35 ms
Power Factor (Min)	0.9
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Material	Stainless steel
Reflector material	Aluminum
Optic material	-

Overall length	560 mm
Overall width	590 mm
Overall height	610 mm
Color	Silver

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

UV

UV-C radiation	12 W
UV-C irradiance defined at 20cm	1100 µW/cm²

Initial Performance (IEC Compliant)

Initial input power	68 W
Power consumption tolerance	+/-10%

Application Conditions

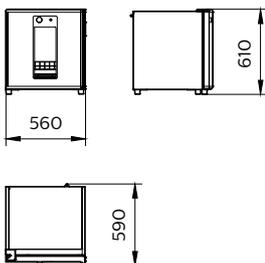
Ambient temperature range	+10 to +30 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No

Product Data

Full product code	871951452213800
Order product name	UVCC100 68W 10
EAN/UPC - Product	8719514522138
Order code	911401793432
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401793432
Net Weight (Piece)	18.000 kg



Dimensional drawing



UVC Devices

Datasheet, 2021, March 10

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