



UV-C disinfection air unit G2

UVCA210 G02

4 pcs - 220 to 240 V - 50 to 60 Hz - Safety class II (II)

Philips UV-C air disinfection unit is a comprehensive solution to address airborne transmission of pathogens. It reduces airborne pathogens by greater than 99.99%. The UV-C unit is resistantly designed with extra supportive metal structure inside disinfection chamber. The aesthetic design delivers well-controlled UV-C radiation (RG0) and can also be used when people are present. The family comes in three disinfecting capacities, which is ideal for all the indoor professional applications.

Warnings and Safety

- 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. This UV-C product is intended to be used for the disinfection of indoor air. This UV-C product is not approved and/or certified as a medical device. The back cover must be closed properly before disinfection, otherwise the UVC lamp won't work. Product is designed to avoid any kind of UV-C leakage, in case there is a leakage due to product damage or similar incident, please stop using and report back to Signify sales representatives. Signify will not be responsible for any accidents/injuries caused by exposure to UV C light. Please contact manufacture or its maintenance department and other similar professionals for repair. When the product is working normally, the UV C radiation at 200 mm from the product is less than 1 mW/m. If the power cable is damaged, it must be replaced with a dedicated cable or with a dedicated component purchased from its manufacturer or maintenance department. UV-C exposed luminaire parts (other than metal parts), like Lamp holder, end cap etc. might change colour after a certain period of usage due to the UV C light property. UV-C light emitted from UVC lamp is much 'stronger' than normal sunlight and can cause a severe sunburn like reaction to your skin, and similarly, could damage the retina of your eye, if exposed. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance. In case of accidental breakage of the lamp tube, it should be ventilated for 30 minutes first. Please remove the debris with gloves, put it in a sealed plastic bag and take it to a local waste disposal site for safe disposal.

UV-C disinfection air unit G2

Product data

General Information	
Number of light sources	4 [4 pcs]
Beam angle of light source	- °
Number of gear units	1 unit
Gear	-
Optic type	No [-]
Luminaire light beam spread	-
Control interface	-
Connection	Plug-in connector 2-pole
Cable	Cable 1.8 m without plug
Protection class IEC	Safety class II (II)
Glow-wire test	750/5 [Temperature 750 °C, duration 5 s]
Flammability mark	NO [-]
CE mark	-
ENEC mark	-
Warranty period	1 years
Number of products on MCB (16 A type B) -	
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 to 60 Hz
Inrush current	31 A
Inrush time	520 ms
Power factor (min.)	0.95
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing material	Plastic
Reflector material	-
Optic material	-

Mounting device	No [-]
Overall length	280 mm
Overall width	280 mm
Overall height	700 mm
Colour	Grey

Approval and Application

Ingress protection code	- [-]
Mech. impact protection code	-

UV

UV-C irradiance defined at 0.2 m	0.1 µW/cm²
----------------------------------	------------

Initial Performance (IEC Compliant)

Initial input power	16 W
Power consumption tolerance	+/-10%

Application Conditions

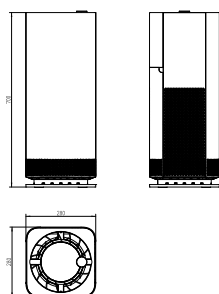
Ambient temperature range	+5 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	0% (digital)
Suitable for random switching	Not applicable

Product Data

Full product code	871951454216700
Order product name	UVCA210 G02
EAN/UPC – product	8719514542167
Order code	911401565281
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401565281
SAP net weight (piece)	8.840 kg



Dimensional drawing



UVCA210 Air Disinfection unit-02

UV-C disinfection air unit G2

