

UV-C disinfection active air

SM310C 2xTUV PLL 60W HFS

2 pcs - HF Selectalume - White - 160 W - 220 to 240 V

The UV-C disinfection active air unit is designed to disinfect the air during day-to-day business activities, without interruption. It can be installed on a wall or on a ceiling in many different types of location, even UV-C-sensitive ones. Thanks to ventilators, the air from the room is pulled inside the device, filtered and then submitted to an intense disinfection thanks to 2x60W UV-C lamps. The air comes out of the UV-C active air unit clean into the room.

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 active air units 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 active air 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 active air will protect or prevent any user from infection and/or contamination with any viruses, bacteria, protozoa, fungi, illness or disease. The UV-C disinfection active air 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 active air, 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 active air 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 active air

General Information	
Number of light sources	2 [2 pcs]
Beam angle of light source	- °
Number of gear units	1 unit
Gear	HF-S [HF Selectalume]
Optic type	No [-]
Luminaire light beam spread	-
Control interface	-
Connection	Connection unit 3-pole
Cable	Cord with plug
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	-
Warranty period	1 years
Number of products on MCB (16 A type B)	13
Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Operating and Electrical	
Input Voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	9.2 A
Inrush time	0.2 ms
Power factor (min.)	0.9
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing material	Aluminium
Reflector material	-
Optic material	-
Mounting device	No [-]

Overall length	407 mm
Overall width	535 mm
Overall height	189 mm
Colour	White
Dimensions (height x width x depth)	189 x 535 x 407 mm (7.4 x 21.1 x 16 in)

Approval and Application

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

UV

UV-C radiation	38 W
UV-C irradiance defined at 2 m	0 µW/cm²
UV-C irradiance defined at 20 cm	0 µW/cm²

Initial Performance (IEC Compliant)

Initial input power	160 W
Power consumption tolerance	+/-10%

Application Conditions

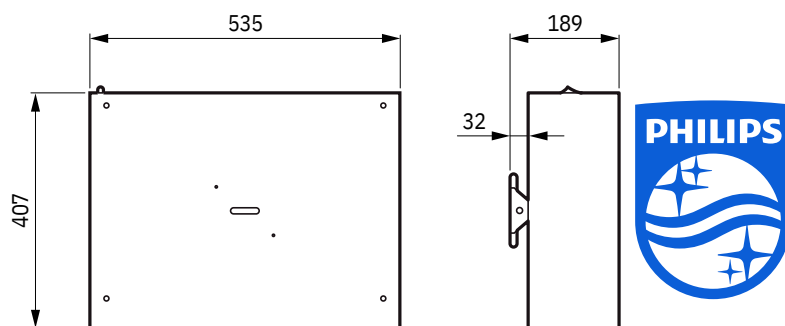
Ambient temperature range	0 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable
Suitable for random switching	No

Product Data

Full product code	871869979652500
Order product name	SM310C 2xTUV PLL 60W HFS
EAN/UPC – product	8718699796525
Order code	79652500
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	912401483298
SAP net weight (piece)	13.000 kg



Dimensional drawing



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UV-C disinfection devices

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