

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 pcs |
| Beam angle of light source | - ° |
| Number of gear units | 1 unit |
| Gear | HF-S [HF Selectalume] |
| Optic type | - |
| Luminaire light beam spread | - |
| Control interface | - |
| Connection | Connection unit 3-pole |
| Cable | Cable with plug |
| Protection class IEC | Safety class I |
| Glow-wire test | Temperature 650 °C, duration 5 s |
| Flammability mark | - |
| CE mark | CE mark |
| ENEC mark | - |
| Warranty period | 1 years |
| Number of products on MCB of 16 A type B 13 | |
| Photobiological risk | Photobiological risk group 0 @ 200mm to EN62471 |
| Photobiological risk specification | 0.2 m |
| EU RoHS compliant | Yes |
| Service tag | No |
| 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 | Aluminum |
| Reflector material | - |
| Optic material | - |
| Mounting device | - |

| | |
|-------------------------------------|---|
| Overall length | 407 mm |
| Overall width | 535 mm |
| Overall height | 189 mm |
| Color | 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 2m | 0 µW/cm ² |
| UV-C irradiance defined at 20cm | 0 µW/cm ² |

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 dim level | Not applicable |
| Suitable for random switching | No |

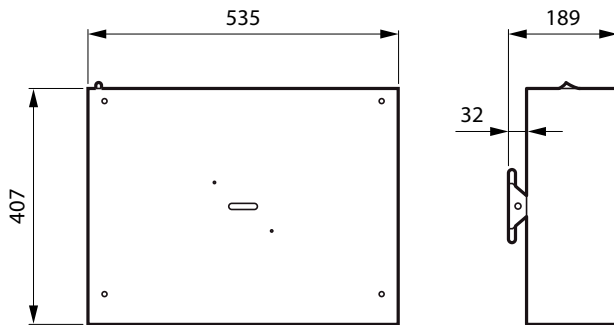
Product Data

| | |
|---------------------------------|--------------------------|
| Full product code | 871869979652500 |
| Order product name | SM310C 2xTUV PLL 60W HFS |
| EAN/UPC - Product | 8718699796525 |
| Order code | 912401483298 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 912401483298 |
| Net Weight (Piece) | 13.000 kg |



UV-C disinfection active air

Dimensional drawing



UV-C disinfection devices

