

UV-C disinfection upper air WM

WL345W C 1xTUV T5 25W HFS

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

Philips UV-C disinfection upper air ceiling mounted is designed to be installed on false ceilings for the disinfection of air in a wide range of applications. Optimized for low ceiling heights, the UV-C rays are distributed at device level and above. The beam of UV-C rays is controlled by specific reflectors and the louvre design. This allows for the disinfection of the air in a space, while ensuring that day-to-day business activities can continue underneath the area where the device is active.

Warnings and Safety

- DANGER: Risk Group 3 UV product according IEC 62471. 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. As UV-C is invisible to the eye, the UV-C upper air device must be used and installed in strict accordance with the requirements set forth in the user manual and/or the mounting instructions.
- Philips UV-C luminaires systems must only be sold 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.
- The UV-C upper air device effectiveness in the deactivation 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 upper air devices will protect any user from or prevent infection and/or contamination with any viruses, bacteria, protozoa, fungi, illness or disease. The UV-C upper air devices are not approved and/or certified as a medical device by the FDA and/or any other regulatory body. As such, the UV-C upper air devices are not intended for and must not be used to disinfect medical devices and/or for medical purposes. 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 upper air devices, 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 upper air devices outside of their intended use or contrary to their installation and operation instructions, each as described in this document, the user manuals and/or the mounting instructions.

UV-C disinfection upper air WM

Product data

| General information | |
|--|---|
| Number of light sources | 1 pc |
| 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 | Mains outlet socket |
| Cable | Cable 0.5 m without plug |
| Protection class IEC | Safety class I |
| Glow-wire test | - |
| Flammability mark | - |
| CE mark | CE mark |
| ENEC mark | - |
| Warranty period | 1 years |
| Number of products on MCB of 16 A type B | 43 |
| Photobiological risk | Photobiological risk group 3 @ 200mm to EN62471 |
| EU RoHS compliant | Yes |

| Operating and electrical | |
|--------------------------|--------------|
| Input Voltage | 220 to 240 V |
| Input Frequency | 50 or 60 Hz |
| Inrush current | 16.8 A |
| Inrush time | 0.088 ms |
| Power Factor (Min) | 0.9 |

| Controls and dimming | |
|----------------------|----|
| Dimmable | No |

| Mechanical and housing | |
|------------------------|----------|
| Housing Material | Aluminum |
| Reflector material | Aluminum |
| Optic material | - |
| Mounting device | - |

| | |
|----------------|-----------------|
| Overall length | 185 mm |
| Overall width | 140 mm |
| Overall height | 553 mm |
| Color | White and black |

Approval and application

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

UV

| | |
|---------------------------------|-------------|
| UV-C radiation | 8 W |
| UV-C irradiance defined at 2m | 91.8 µW/cm² |
| UV-C irradiance defined at 0.2m | 548 µW/cm² |

Initial performance (IEC compliant)

| | |
|-----------------------------|--------|
| Initial input power | 27 W |
| Power consumption tolerance | +/-10% |

Application conditions

| | |
|------------------------------------|----------------|
| Ambient temperature range | +10 to +40 °C |
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | Not applicable |
| Suitable for random switching | No |

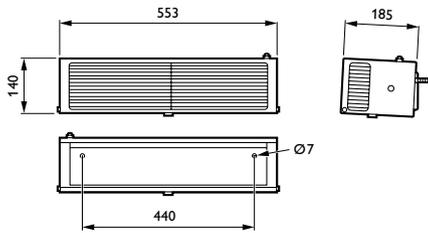
Product data

| | |
|---------------------------------|---------------------------|
| Full product code | 871951452756000 |
| Order product name | WL345W C 1xTUV T5 25W HFS |
| EAN/UPC - Product | 8719514527560 |
| Order code | 911401507581 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 911401507581 |
| Copy Net Weight (Piece) | 7.100 kg |



UV-C disinfection upper air WM

Dimensional drawing



WL345W C 1xTUV T5 25W HFS

