



# UV-C disinfection upper air wall mounted

## WL345W 1xTUV T5 25W HFS

WL345W | PHILIPS UV-C DISINFECTION UPPER AIR, 1, HF-S | HF  
Selectalume, White and black, 29.6 W, 230 V

As part of the Philips UV-C disinfection upper air device series, Philips UV-C disinfection upper air wall mounted is designed to be installed on walls 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. 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 installed together with adequate safeguards to ensure that the UV-C upper air device can be operated in a safe way. The UV-C upper air device are only to be used as components in a system that consists of adequate safety safeguards such as, but not limited to, those indicated in the mounting instructions and/or user manuals. Direct exposure to UV-C is dangerous. Philips UV-C luminaires systems 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.
- [1] According to results obtained from a laboratory test conducted by Innovative Bioanalysis, a CAP, CLIA, AABB Certified Safety Reference Laboratory, in a room with sufficient air circulation. For more information, please refer to the test report available in the "related tools" part of this webpage

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## Product data

| General Information                         |                          |
|---|--------------------------|
| Number of gear units                        | 1 unit                   |
| Gear  | HF-S [HF Selectalume]    |
| Service tag                                 | Yes                      |
| Warranty period                             | 1 years                  |
| Light Technical                             |                          |
| Number of light sources                     | 1                        |
| Beam angle of light source                  | - degree(s)              |
| Optic type                                  | Lamellae louver          |
| Luminaire light beam spread                 | -                        |
| Operating and Electrical                    |                          |
| Input Voltage                               | 230 V                    |
| Line Frequency                              | 50 Hz                    |
| Inrush current                              | 18 A                     |
| Inrush time                                 | 0.35 ms                  |
| Power Consumption                           | 29.6 W                   |
| Power Factor (Fraction)                     | 0.98                     |
| Connection                                  | Push-in connector 3-pole |
| Cable                                       | -                        |
| Number of products on MCB of 16 A type B 28 |                          |
| Suitable for random switching               | No                       |
| Protection class IEC                        | Safety class I           |
| Controls and Dimming                        |                          |
| Dimmable                                    | No                       |
| Control interface                           | -                        |
| Maximum dim level                           | Not applicable           |
| Mechanical and Housing                      |                          |
| Housing Material                            | Aluminum                 |
| Reflector material                          | Aluminum                 |
| Optic material                              | Aluminum                 |
| Housing Color                               | White and black          |
| Mounting device                             | Wall-mounting bracket    |
| Overall length                              | 553 mm                   |
| Overall width                               | 185 mm                   |
| Overall height                              | 140 mm                   |
| Dimensions (Height x Width x Depth)         | 140 x 185 x 553 mm       |
| Ingress protection code                     | IP20 [Finger-protected]  |

|                              |                       |
|------------------------------|-----------------------|
| Mech. impact protection code | IK02 [0.2 J standard] |
| Net Weight (Piece)           | 6.290 kg              |

## Approval and Application

|                                    |  |
|------------------------------------|--|
| Glow-wire test                     | Temperature 650 °C, duration 30 s              |
| Flammability mark                  | -  |
| CE mark                            | Yes  |
| ENEC mark                          | -  |
| Photobiological risk               | Photobiological risk group 3 @200mm to EN62778 |
| EU RoHS compliant                  | Yes  |
| Performance ambient temperature Tq | 25 °C  |
| Ambient temperature range          | +10 to +40 °C                                  |

## UV

|                                 |                         |
|---------------------------------|-------------------------|
| UV-C radiation                  | 0.375 W                 |
| UV-C irradiance defined at 2m   | 356 mW/m <sup>2</sup>   |
| UV-C irradiance defined at 0.2m | 4,266 mW/m <sup>2</sup> |

## Initial Performance (IEC Compliant)

|                             |        |
|-----------------------------|--------|
| Power consumption tolerance | +/-10% |
|-----------------------------|--------|

## Sustainability Data

|                       |  |
|-----------------------|--|
| Sustainability rating | Unclassified   |
| Repair class          | Repair Class D, this product is not designed to be repaired. |

## Product Data

|                                 |  |
|---------------------------------|--|
| Order product name              | WL345W 1xTUV T5 25W HFS                      |
| Full product name               | WL345W 1xTUV T5 25W HFS                      |
| Full product code               | 871869690445900                              |
| Order code                      | 919206000011                                 |
| Material Nr. (12NC)             | 919206000011                                 |
| Numerator - Quantity Per Pack   | 1  |
| EAN/UPC - Product/Case          | 8718696904459                                |
| Numerator - Packs per outer box | 1  |
| EAN/UPC - Case                  | 8718696904459                                |
| Product family code             | WL345W [PHILIPS UV-C DISINFECTION UPPER AIR] |

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### Dimensional drawing

