



UV-C disinfection upper air WM

WL345W C 1xTUV T5 25W HFS

1, 27 W, 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.

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Product data

General Information	
Number of gear units	1 unit
Gear	HF-S [HF Selectalume]
CE mark	CE mark
Warranty period	1 years
Flammability mark	-
ENEC mark	-
Glow-wire test	-
EU RoHS compliant	Yes
Light Technical	
Number of light sources	1
Beam angle of light source	- degree(s)
Optic type	-
Luminaire light beam spread	-
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	16.8 A
Inrush time	0.088 ms
Power Consumption	27 W
Power Factor (Fraction)	0.9
Connection	Mains outlet socket
Cable	Cable 0.5 m without plug
Number of products on MCB of 16 A type B 43	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	No
Control interface	-
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	Aluminum
Optic material	-
Housing Color	White and black

Mounting device	-
Overall length	185 mm
Overall width	140 mm
Overall height	553 mm
Dimensions (Height x Width x Depth)	553 x 140 x 185 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 3 @200mm to EN62778

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)

Power consumption tolerance	+/-10%
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Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No

Product Data

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

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Dimensional drawing

