



UV-C disinfection upper air WM

WL345W 1xTUV T5 25W HFS

1 pc - 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

Product data

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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	Lamellae louver
Luminaire light beam spread	-
Control interface	-
Connection	Push-in connector 3-pole
Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	1 years
Number of products on MCB of 16 A type B 28	
Photobiological risk	Photobiological risk group 3 @ 200mm to EN62471
EU RoHS compliant	Yes
Operating and Electrical	
Input Voltage	230 V
Input Frequency	50 Hz
Inrush current	18 A
Inrush time	0.35 ms
Power Factor (Min)	0.98
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	Aluminum
Optic material	Aluminum
Mounting device	Wall-mounting bracket
Overall length	553 mm

Overall width	185 mm
Overall height	140 mm
Color	White and black
Dimensions (Height x Width x Depth)	140 x 185 x 553 mm (5.5 x 7.3 x 21.8 in)

Approval and Application

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

UV

UV-C radiation	0.375 W
UV-C irradiance defined at 2m	35.57 $\mu\text{W}/\text{cm}^2$
UV-C irradiance defined at 20cm	426.62 $\mu\text{W}/\text{cm}^2$

Initial Performance (IEC Compliant)

Initial input power	29.6 W
Power consumption tolerance	+/-10%

Application Conditions

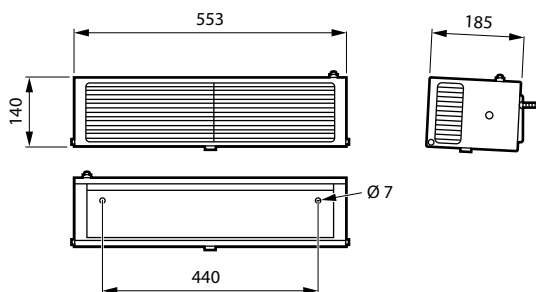
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No

Product Data

Full product code	871869690445900
Order product name	WL345W 1xTUV T5 25W HFS
EAN/UPC - Product	8718696904459
Order code	919206000011
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	919206000011
Net Weight (Piece)	6.290 kg



Dimensional drawing



UV-C disinfection devices

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