



Breathe healthy air (DESIGNED FOR PROFESSIONAL ONLY)

UV-C disinfection upper air wall mounted

As part of the Philips UV-C disinfection upper-air device series, the Philips UV-C disinfection upper-air wall-mounted device is designed to be installed on walls for the disinfection of air in a wide range of applications. Optimised 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.

Benefits

- Our Philips UV-C disinfection upper-air wall-mount luminaires inactivated 99.99% of SARS-COV-2, the virus responsible for the COVID-19 disease, in the air of a room within 10 minutes. At 20 minutes, the virus was below detectable levels. [1]
- Swift disinfection effect, with 83.6% reduction of SARS-CoV-2, the virus that causes the COVID-19 disease, achieved in a room within 2 minutes. [1]
- Allows quiet disinfection of air while business activity continues beneath the level of the device
- Uses Philips UV-C lamps and drivers
- Environmentally friendly – no ozone emissions during or after use

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Features

- Philips T5 TUV 25 W lamp included
- Shortwave UV radiation peak at 253.7 nm (UV-C)
- The louvres and reflector control the distribution of UV-C at the device level and above, where people are not usually present
- Wall-mounted installation
- Complies with IEC 62471 standard for photobiological safety

Application

- Office
- Retail
- Food outlets
- Hospitality
- Schools
- Banking
- Washrooms

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

Versions



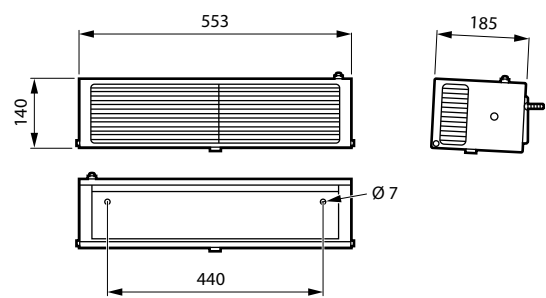
UV-C disinfection upper air Wall
mounted version high output



UV-C disinfection upper air Wall
mounted version

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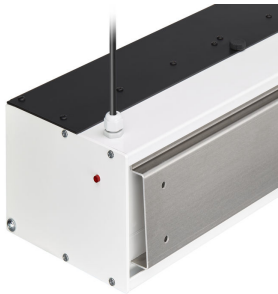
Dimensional drawing



Product details



Access to lamp and product maintenance



Wall mounting plate and indicator light

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General Information

Gear	HF-S
Number of gear units	Unit
Warranty period	1 years

Light Technical

Number of light sources	1
Optic type	Lamellae louvre

Operating and Electrical

Cable	-
Protection class IEC	Safety class I
Connection	Push-in connector 3-pole
Inrush current	18 A
Inrush time	0.35 ms
Input Voltage	230 V
Number of products on MCB (16 A type B)	28
Power Factor (Fraction)	0.98
Suitable for random switching	No

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Colour	White and black
Housing material	Aluminium
Mech. impact protection code	IK02
Ingress protection code	IP20
Optic material	Aluminium
Reflector material	Aluminium
Overall height	140 mm

Approval and Application

Ambient temperature range	+10 to +40 °C
CE mark	Yes
ENEC mark	-
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)

Power consumption tolerance	+/-10%
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Product Data

Product family code	WL345W
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UV

Order Code	Full Product Name	UV-C irradiance defined at 0.2 m	UV-C irradiance defined at 2 m	UV-C radiation
66504700	WL346W 1xTUV T5 25W HFS	8,060 mW/m²	972 mW/m²	0.53 W
90445900	WL345W 1xTUV T5 25W HFS	4,266 mW/m²	356 mW/m²	0.375 W

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