



# 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

## UV-C disinfection upper air wall mounted

### 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



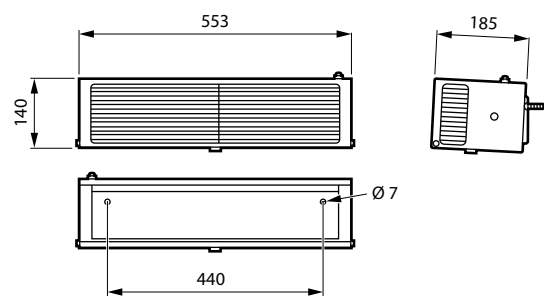
UV-C disinfection upper air Wall  
mounted version high output



UV-C disinfection upper air Wall  
mounted version

# UV-C disinfection upper air wall mounted

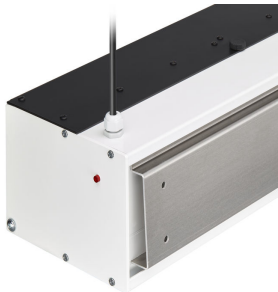
## Dimensional drawing



## Product details



Access to lamp and product maintenance



Wall mounting plate and indicator light

## UV-C disinfection upper air wall mounted

### 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
----------	----

### 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%
-----------------------------	--------

### Product Data

Product family code	WL345W
---------------------	--------

### UV

Order Code	Full Product Name	UV-C irradiance defined	UV-C irradiance defined	UV-C radiation
		at 0.2 m	at 2 m	
919206000111	WL346W 1xTUV T5 25W HFS	8,060 mW/m²	972 mW/m²	0.53 W
919206000011	WL345W 1xTUV T5 25W HFS	4,266 mW/m²	356 mW/m²	0.375 W

## UV-C disinfection upper air wall mounted

