



Breathe healthy air

UV-C disinfection upper air WM

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.

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 underneath the device's level
- Uses Philips UV-C lamps and drivers
- Environmentally friendly - no ozone emissions during or after use

Features

- Philips T5 TUV 25W lamp included
- Shortwave UV radiation peak at 253.7 nm (UV-C)
- 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

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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



UV-C disinfection upper air Wall mounted version high output

Product details



Access to lamp and product maintenance



Wall mounting plate and indicator light

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Application Conditions

Ambient temperature range +10 to +40 °C

Suitable for random switching No

Approval and Application

Mech. impact protection code IK02

Ingress protection code IP20

Controls and Dimming

Dimmable No

Operating and Electrical

Inrush current 18 A

Inrush time 0.35 ms

Input Frequency 50 Hz

Input Voltage 230 V

Power Factor (Min) 0.98

General Information

Cable -

CE mark CE mark

Protection class IEC Safety class I

Connection Push-in
connector 3-pole

ENEC mark -

Flammability mark -

Gear HF-S

Glow-wire test Temperature 650
°C, duration 30 s

Number of gear units 1 unit

Number of light sources 1 pc

Number of products on MCB of 16 A
type B 28

Optic type Lamellae louver

EU RoHS compliant Yes

Warranty period 1 years

Initial Performance (IEC Compliant)

Power consumption tolerance +/-10%

Initial input power 29.6 W

Mechanical and Housing

Color White and black

Housing Material Aluminum

Optic material Aluminum

Reflector material Aluminum

Overall height 140 mm

UV

Order Code	Full Product Name	UV-C irradiance defined	UV-C irradiance defined	UV-C radiation
		at 20cm	at 2m	
919206000011	WL345W 1xTUV T5 25W HFS	426.62 μW/cm ²	35.57 μW/cm ²	0.375 W
919206000111	WL346W 1xTUV T5 25W HFS	806 μW/cm ²	97.2 μW/cm ²	0.53 W

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