



Breathe healthy air (DESIGNED FOR PROFESSIONAL ONLY)

UV-C disinfection upper air ceiling mounted

As part of the Philips UV-C disinfection upper air device series, 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.

Benefits

- Allows quiet disinfection of air while business activity continues underneath the device's level
- Inactivates 99.9% of virus Coliphage ϕ X174 in air within 10 minutes in a room with sufficient air circulation (please refer to "more information URL")
- Uses Philips UV-C lamps and drivers
- Environmentally friendly no ozone emissions during or after use

Features

- · Philips PL-S TUV lamp included: 4x9W
- · 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
- · Surface mounted on false ceiling
- · Complies with IEC 62471 standard for photobiological safety

Application

- Offices
- 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.

Versions

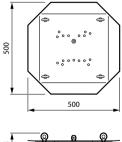


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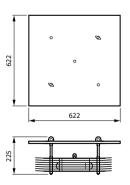


UV-C upper air CM SM355C SMB

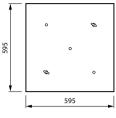
Dimensional drawing

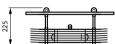


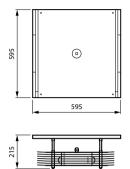




Dimensional drawing







Product details



UV-C upper air CM SM355C SMB-DPP03



UV-C disinfection upper air suspended version



UV-C disinfection upper air suspended version



UV-C upper air CM SM355C SMB-DPP02



UV-C upper air CM SM355B-DPP02

Product details



UV-C upper air CM SM355B-DPP03

Gear HIFM Number of gear units 4 units Warranty period 1years Light Technical Number of light sources 4 Optic type Lamellae louver Operating and Electrical Cable - Protection class IEC Safety class I Inrush current 13 A Inrush current 13 A Inrush time 0.11 ms Input Voltage 230 V Number of products on MCB of 16 A 70 type B Power Factor (Fraction) 0.66 Suitable for random switching No Controls and Dimming Dimmable No Mechanical and Housing Housing Color White and black Housing Material Aluminum Mech. impact protection code IP20 Optic material Aluminum Reflector material Aluminum Reflector material Aluminum Aluminum 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 VV UV-C irradiance defined at 0.2m 1,522 mW/m² UV-C radiation 10 clerance +/-10% Product Data	Gear Number of gear units Warranty period Light Technical Number of light sources Optic type Operating and Electrical Cable Protection class IEC Connection Inrush current Inrush time Input Voltage Number of products on MCB of 16 A type B Power Factor (Fraction) Suitable for random switching Controls and Dimming Dimmable Mechanical and Housing Housing Color Housing Material Mech. impact protection code Ingress protection code Optic material Reflector material Approval and Application Ambient temperature range CE mark Flammability mark Glow-wire test EU RoHS compliant UV UV-C irradiance defined at 0.2m UV-C radiation Initial Performance (IEC Compliant)	
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Power consumption tolerance +/-10%	•	+)
	Power consumption tolerance	
Product Data		+/-10%
Product Data	Product Pate	
Product family code SM345C	Product family code	CNADATE

Mechanical and Housing

Order Code	Full Product Name	Overall height
910505103001	SM355B 4xTUV PLS 9W HFM	185 mm
910505103002	SM355B 4xTUV PLS 9W HFM MR62	185 mm
910505103004	SM355P 4x TUV PLS 9W HFM SM4	122 mm
910505103005	SM355C 4x TUV PLS 9W HFM SMB	212 mm



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