

# UV-C Upper Air Disinfection

Airborne viruses and bacteria can contaminate air circulation trapped indoor and cause serious illness. UV-C Upper Air Purification or disinfection systems disinfect upper air layer within the room without interrupting the productivity in the area.

## Benefits

- UV-rays are distributed at device level and optimized for low ceiling heights.
- Beam from UV-C rays are controlled thanks to its reflector and louvre design. This allow to disinfect the air in a space while business activity continue in the area where device is active.
- Disinfect large volume of air in the space.
- Radiates UV-C rays in upper part of the room where people does not directly reach it specially children.
- Proven and effectively inactive DNA found in viruses and bacteria with Philips UV-C (253.7 nm) Lamps.

- Long term disinfection use thanks to long lifetime of lamp and luminaries.
- Eco-friendly: zero ozone emission

## Features

- Shortwave UV radiation peak at 253.7 nm.
- Louvre and reflector control the distribution of UV-C at the device level and above, where people are not usually present.
- Complies with IEC 62471 standard for photobiological safety.

## UV-C Disinfection Upper Air Wall Mounted

Designed for the disinfection of air that will suit to your different application needs with installations on walls.

- Wall mounted installations
- Philips T5 TUV lamp included: 25w

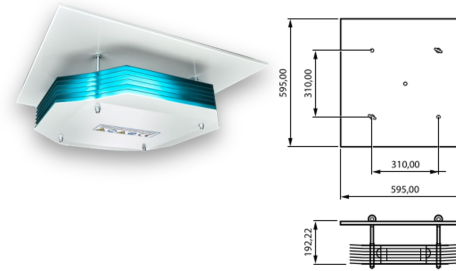


## UV-C Disinfection Upper Air Ceiling Mounted

Installed in false ceilings for air disinfection. Suitable for your room or space disinfection applications.

- Surface mounted on false ceilings.
- Philips PL-S TUV lamp included: 4x9w

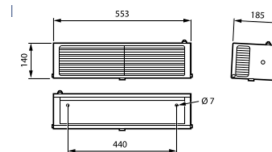
## UV-C Disinfection Upper Air Ceiling Mounted



DIMENSIONAL DRAWING

MODEL	Dimension		
	Length	Width	Height
SM345C 4x9W	595 mm	595 mm	192 mm

## UV-C Disinfection Upper Air Wall Mounted



MODEL	Dimension		
	Length	Width	Height
WL345W 1x25W	553 mm	185 mm	140 mm

## SPECIFICATIONS

Type	SM345C
Light source	UV-C lamp: 4x TUV PL-S/ 9W
Lamp included	Yes
Gear	High Frequency ballast (HF-M)
Connection	Push-in connector (Pi)
Housing material	Aluminum
Reflector material	Aluminum
Color	White/Black
Optimal temperature range	+20 + 40°C
Lifetime	9000h - 90% UV-C @ end of life
Mounting	Ceiling mounted
Installation	Recessed plate in false ceiling, safety cable advised

## Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

## Operating and Electrical

Input Voltage	230 to 240 V
Input Frequency	50 to 60 Hz

## UV-C Radiation

Full Component Name	UV-C radiation luminaries	UV-C irradiance at 2m distance
	W	$\mu\text{W}/\text{cm}^2$
SM345C 4xTUV PL5 9W HFM	4x2.2	7

## SPECIFICATIONS

Type	WL345W
Light source	UV-C lamp: 1x TUV T5/ 25W
Lamp included	Yes
Gear	High Frequency ballast (HF-S)
Connection	Cable
Housing material	Aluminum
Reflector material	Aluminum
Color	White/Black
Optimal temperature range	+20 + 40°C
Lifetime	9000h - 90% UV-C @ end of life
Mounting	Wall mounted
Installation	Screw Mounting

## Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

## Operating and Electrical

Input Voltage	230 to 240 V
Input Frequency	50 to 60 Hz

## UV-C Radiation

Full Component Name	UV-C radiation luminaries	UV-C irradiance at 2m distance
	W	$\mu\text{W}/\text{cm}^2$
SM345C 4xTUV PL5 9W HFM	8	85