



Since 1993



## **UV-C Upper-Air Zone Disinfection Solution, Wall Mounted**

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**Disinfection with power of light**

TOTAL LIGHTING SOLUTION  
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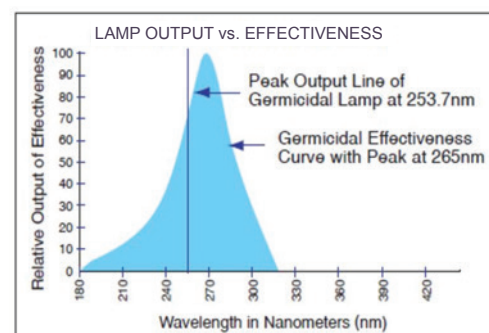
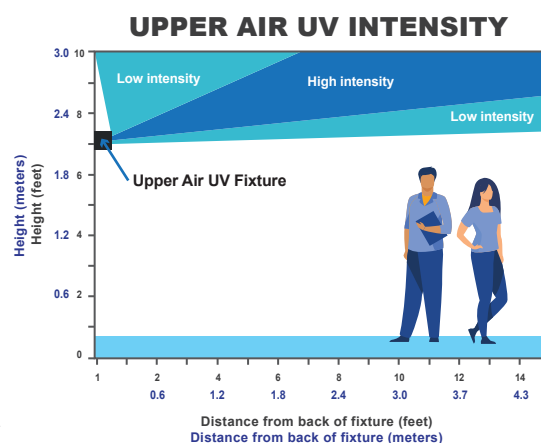
## UV-C Upper-Air Zone Disinfection Solution, Wall Mounted

The OLE UV-C Wall Mounted Disinfection uses TUV PL-L UV-C (germicidal) lamps in professional air disinfection. TUV PL-L lamps offer almost constant UV output over their complete lifetime, for maximum security of disinfection and high system efficacy. Moreover, they have a long and reliable lifetime, which allows maintenance to be planned for in advance.

### Benefits

- Improvement of indoor air quality by reducing of airborne pathogens
- Odor reduction (when due to bio-contamination)
- Allergy relief
- Effective air disinfection
- UV can substantially reduce the spread of airborne illness

Indoor air that is continuously re-circulated through 254nm UV light will show a dramatic reduction in the count of bacteria and other microorganisms. OLE UV-C Wall Mounted Disinfection is designed specifically for airstream disinfection, with design emphasis placed on achieving a balance between intensity and exposure time. The design reflects in-depth knowledge of ultraviolet light, and how it is optimized for airstream applications. Improves Indoor Air Quality (IAQ) by reducing bacteria, viruses and mold that either grow or pass through the air handling system.



# UV-C Upper-Air Zone Disinfection Solution, Wall Mounted

## Features

- Designed to be installed on walls for the disinfection of air in wide range of application such as offices, school, hospital, bank, washroom and food outlets
- Disinfection upper-air zone
- Upper wall installation allow UV-C disinfection takes place without worry direct exposure to UV-C
- Disinfection switched on 24hours / 7days

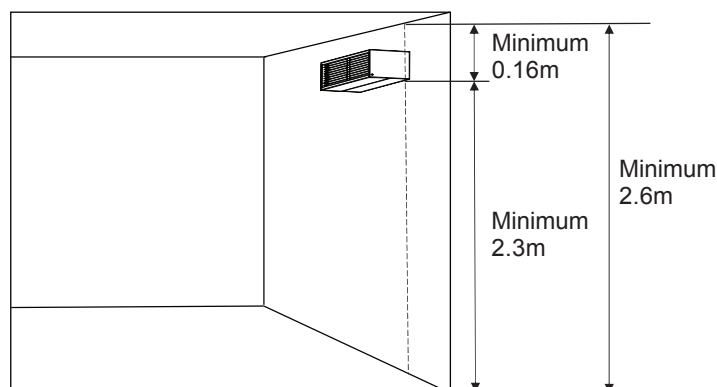
## Specification

\*UV-C Lamp and Driver by **PHILIPS** **Signify**

Electrical	
Input Voltage	220 to 240V
Input Frequency	50 to 60Hz
Main Voltage Performance (AC)	202 to 254V
System Power Consumption	20W and 40W
Total Lamp Power	18W and 36W
UV-C Radiation at 100hr	5.5W and 11W

Lamp & Electronics	
Light Source	Philips UV-C Lamp 1x PL-L 18W and 2x PL-L 18W
Gear	High Frequency Electronic Ballast
Useful Life	9000h

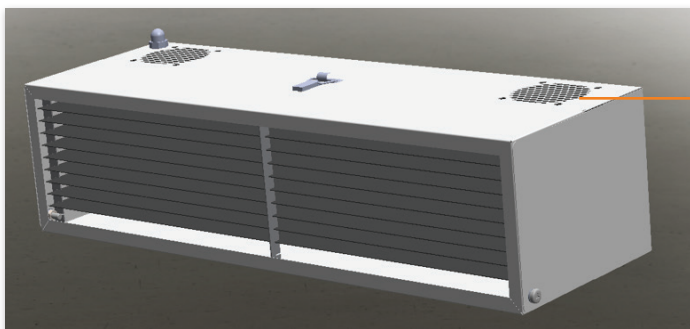
Mechanical	
Housing Material	Steel
Reflector Material	Aluminium
Mounting	Wall Mounted
Dimension	496mm(L), 120mm(H), 162mm(D)
Installation	Screw mounting on wall, with wall height minimum 2.6m
Ensuring Safe Exposure	Minimum distance from floor to the underside of the fitting should be 2.3m Minimum distance from ceiling to the upperside of the fitting should be 160mm Minimum distance from the opposite wall to the fitting should be 6m
Weight	2.6kg



# UV-C Upper-Air Zone Disinfection Solution, Wall Mounted

## Build-in Air Ventilation

Wall Mounted UV-C Disinfection Unit with Build-in Air Ventilation ensuring proper ventilation with outside air can help reduce the concentration of airborne contaminants, including viruses, indoors. Proper ventilation also reduces surface contamination by removing some virus particles before they can fall out of the air and land on surfaces.



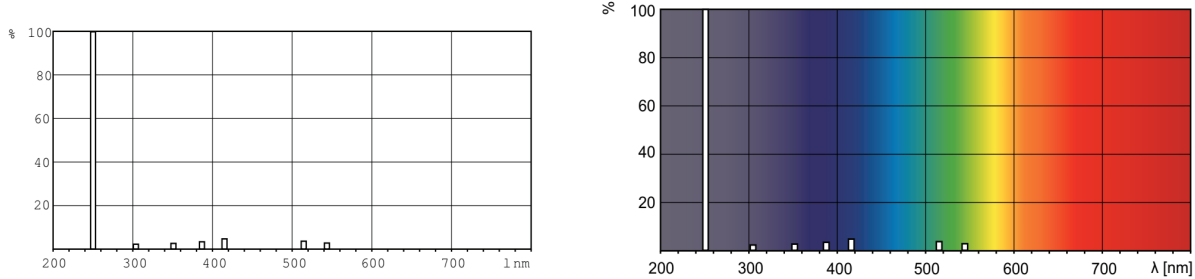
---O Ventilation Fan



Tested by INTERTEK.  
Compliant IEC 62471:2006  
*Photobiological safety of lamps and lamp systems.*

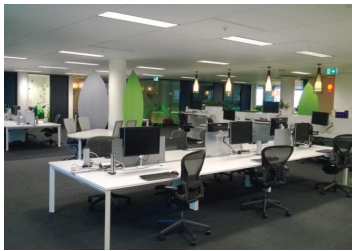
# UV-C Upper-Air Zone Disinfection Solution, Wall Mounted

## Photometric Data



## Application

The OLE UV-C Wall Mounted Disinfection disinfects surfaces that are directly exposed to the UV-C light, emitted by the UV-C lamps fitted in the UV-C Upper-Air Zone Disinfection Solution, Wall Mounted. The application must not be used in the presence of any persons or animals.



### Offices

Disinfect work rooms, meeting spaces and corridors



### Schools

Disinfect classroom walls, floors, desks and surfaces



### Hospital

Disinfect patient's rooms, corridors, reception areas and equipment



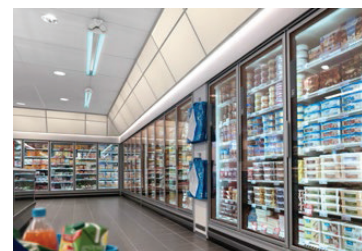
### Banking

Disinfect counters, cash machines and work surfaces



### Washrooms

Disinfect vanity units, basins and mirrors



### Food outlets

Disinfect preparation surfaces and equipment

## Warning and Safety

- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
- **DANGER:** Risk Group 3 Ultra Violet product. These lamps emit high-power UV radiation that can cause severe injury to skin and eyes. Avoid eye and skin exposure to unshielded product. Use only in an enclosed environment which shields users from the radiation.



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