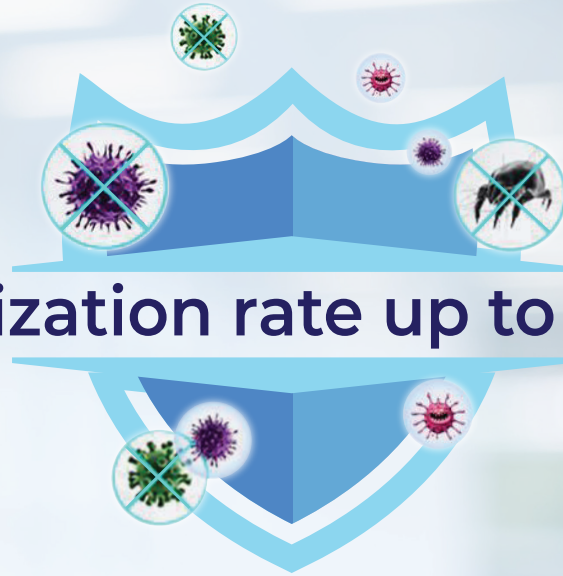
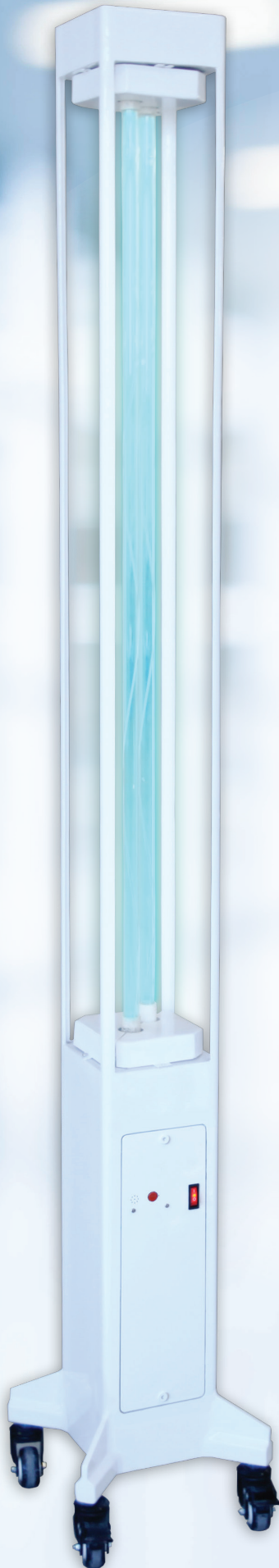




Since 1993



**Sterilization rate up to 99.9%**

# **OLE UV-C Disinfection Trolley**

Disinfection with power of light

**TOTAL LIGHTING SOLUTION**

[www.oversealighting.com](http://www.oversealighting.com)



# OLE UV-C Disinfection Trolley

The OLE UVC / TUV T8 Tube lamps are double-ended UVC (germicidal) lamps used in professional air disinfection units. TUV T8 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.

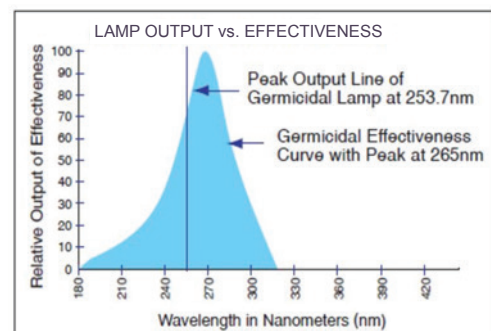
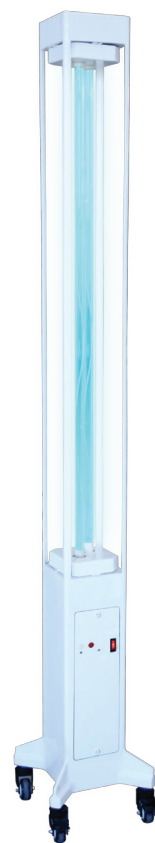
## • Benefits

### Enhanced Disinfection Reduces Risk of Germs Spreading.

The machine emits UVC light into the empty room for about 30 minutes. The light bounces and reflects into hard-to-reach areas such as open drawers, and between cabinets and fixtures. The light waves kill bacteria by disrupting their DNA.

**Good environmental choice** because of lowest amount of mercury  
Ultraviolet germicidal irradiation (UVGI) is a disinfection method that uses short-wavelength ultraviolet (ultraviolet C or UV-C) light to kill or inactivate microorganisms by destroying nucleic acids and disrupting their DNA, leaving them unable to perform vital cellular functions.

**Thus, 15-30 minutes exposure to UV light is adequate and recommended for disinfection.** The efficacy of inactivation of various organisms at the distance of eight feet from UV source and exposure time of 30 minutes is shown in the figure. The inverse square law applies to germicidal ultraviolet as it does to light: the killing power decreases as the distance from the lamps increases. The average bacterium will be killed in ten seconds at a distance of six inches from the lamp in an American Ultraviolet Germicidal Fixture.



# OLE UV-C Disinfection Trolley

## Product Specification

Input Voltage	: 220-240V 50/60Hz
Safety Class (driver + system)	: Class I
UVC Lamp Wavelength	: 254nm
Operating Temperature	: 5°C - 40°C
Ta	: 25°C
Lamp Useful Life	: 12000 hours
Ballast Lifetime	: 40000 hours
Cable Length	: 1500mm with 3 pin plug
Panel / Remote Controller Lifetime	: 15K keystrokes (press times)
Housing Material	: Iron
Ozone	: No ozone
Remote Controller	: 10m communicating distance
Time Setting 3 Steps	: 15min / 30min / 60min
Warranty	: 1 year
Service Part	: UV-C Lamp / Ballast / Remote Controller

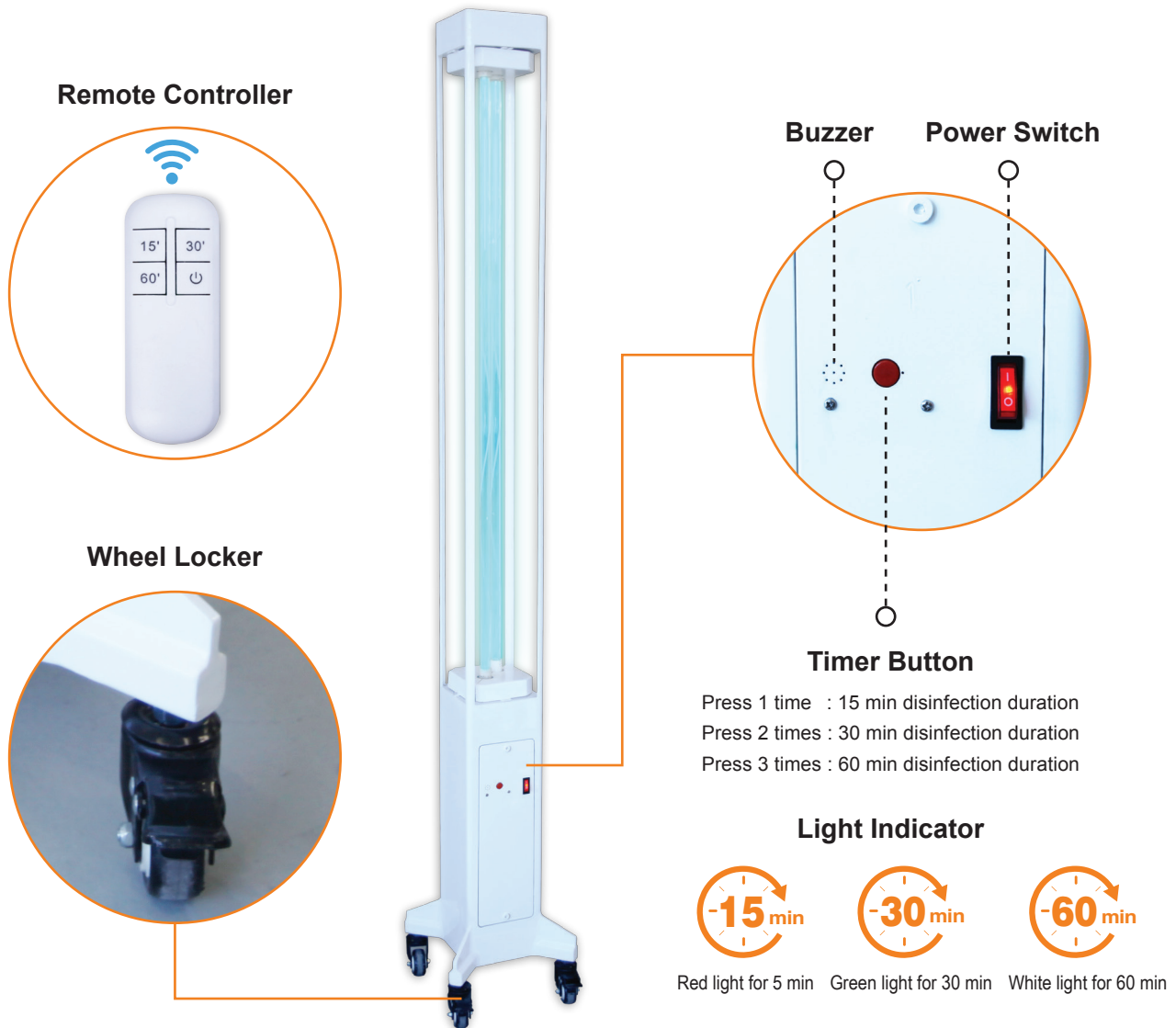
\*UV-C Lamp and Driver by **PHILIPS** 

Total Power	UV-C Lamp Power	Ballast	Size (mm)
200W	200W*1	TUV 180-200 W XPT driver	300*300*1700mm
400W	200W*2	TUV 180-200 W XPT driver	300*300*1700mm
600W	325W*2	TUV 325W XPT (HO) driver	300*300*2150mm

## Sterilization Rate

Time	Effectiveness	200W	400W	600W
		Suggested treatment area(m <sup>2</sup> )	Suggested treatment area(m <sup>2</sup> )	Suggested treatment area(m <sup>2</sup> )
15min	99.9%	34m <sup>2</sup>	67m <sup>2</sup>	124m <sup>2</sup>
30min	99.9%	65m <sup>2</sup>	127m <sup>2</sup>	236m <sup>2</sup>
60min	99.9%	123m <sup>2</sup>	242m <sup>2</sup>	448m <sup>2</sup>

# OLE UV-C Disinfection Trolley



## Key features

- Remote control: timer button 15/30/60 min, power on/off button.
- Operation: After timer button is set, 30 sec delay time before disinfection cycle commences.
- Control distance: maximum 10 meters.
- Buzzer & LED indicator: to indicate that the device is active.
- Wheel Locker: extra protection to avoid moving trolley.

## Benefits

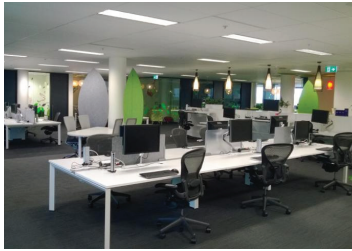
- The UV-C radiation of the trolley disinfects with listed timeslot and offers a great variety for options of lamp directions and disinfection durations.
- Environment friendly as no ozone emission, no residue during or after usage.



# OLE UV-C Disinfection Trolley

## Application

The UV-C disinfection trolley disinfects surfaces that are directly exposed to the UV-C light, emitted by the UV-C lamps fitted in the UV-C disinfection trolley. The trolley must not be used in the presence of any persons or animals.



### Offices

Disinfect work rooms, meeting spaces and corridors



### Banking

Disinfect counters, cash machines and work surfaces



### Hospitality

Disinfect guest rooms, reception areas and health club facilities



### Retail

Disinfecting shopping carts, shelves and counters



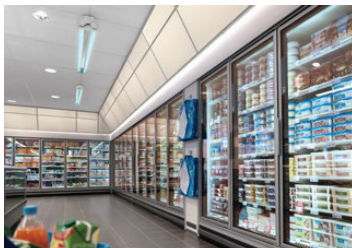
### Hair and beauty salons

Disinfect client rooms, floor, mirror, chair, counter surfaces and other sensitive areas



### Schools

Disinfect classroom walls, floors, desks and surfaces



### Food outlets

Disinfect preparation surfaces and equipment



### Washrooms

Disinfect vanity units, basins and mirrors



### Logistic

Disinfect interior and exterior surfaces of different vehicles and passengers' waiting spaces

## 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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