

Signify accelerates UV-C disinfection lighting adoption in Singapore market

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UV-C lighting is well-proven and trusted as an effective disinfectant even for SARS-CoV-2



Signify, the world leader in lighting, is accelerating the adoption of UV-C disinfection lighting with new luminaires and equipment for the professional market in Singapore. UV-C lighting is effective in disinfecting air, surfaces, and objects. The effectiveness of Signify's UV-C light sources on the inactivation of SARSCoV-2, has been validated by Boston University.

Philips is offering a range of solutions, [Philips UV-C disinfection upper air luminaires](#) to disinfect air, [Philips UV-C disinfection battens](#) [Philips UV-C disinfection batten](#) and [Philips UV-C disinfection trolleys](#) and [Philips UV-C disinfection chambers](#) to Singapore. The UV-C disinfection batten can be used with a control system that contains the appropriate safeguards like the Philips Dynalite PDUVCC control system for UV-C disinfection battens.

UV-C breaks down the DNA and/or RNA of micro-organisms, including viruses and bacteria, rendering them harmless. Signify's UV-C lamps emit a radiation peak at 253.7 nm which is near the germicidal efficiency peak and therefore ideal for disinfecting air, surfaces, and objects. The Philips UV-C disinfection models are not intended for and must not be used to disinfect the surfaces of medical devices or for medical purposes.

Air disinfection solutions

Philips UV-C disinfection upper air luminaires: Signify offers ceiling-mounted UV-C luminaires to continuously disinfect the air. These UV-C upper air luminaires are installed at a height of at least 2.3 meters which, in combination with shielding and optics, ensures people can continue to work in the lower sections of a room.

Surfaces disinfection solutions

Philips UV-C disinfection batten: Fixed installation of luminaires (with or without reflector and integral or non-integral sensor options) on the ceiling to disinfect areas outside of opening hours. Should be used in connection with appropriate safeguards, such as a control system like the Philips Dynalite PDUVCC control system.

Philips UV-C disinfection trolley: The UV-C trolley, without sensor, with 1- or 2-arms version, is designed to disinfect up to 36m² of circular coverage area/20m² of square area. Integrated safeguard controls include a timer to plan disinfection for a predefined period, remote control, and voice alarm.

Objects disinfection solutions

Philips UV-C disinfection chamber: This UV-C disinfection chamber is used for disinfection of objects for professional use. It's available in two variants: small (77 liters), and medium (110 liters).