



Philips UV-C disinfection linear luminaire with sensor

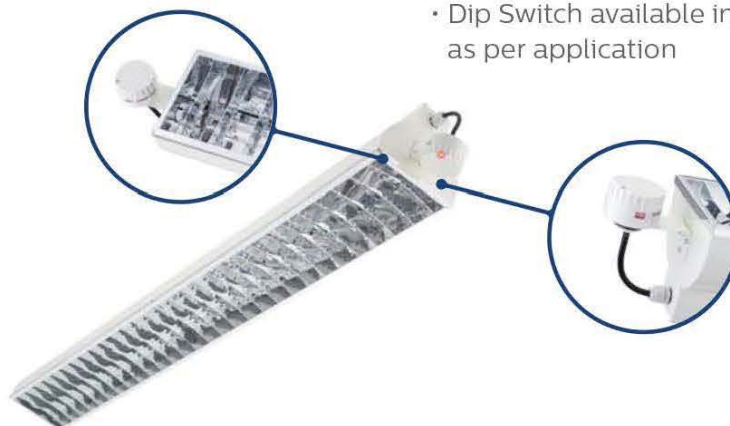
The Philips UV-C disinfection linear luminaire with sensor is designed for the disinfection of surfaces and is suitable for a wide range of applications. It provides universal UV-C irradiance with homogenous distribution. Its disinfection capability is based on wattage used and a specific exposure time for a given distance from that surface. The performance is enhanced by a highly-reflective and durable aluminum body, which improves its efficacy even further and directs the UV-C light to the to-be-irradiated surfaces and within the sensor range.

Benefits:

- Available with safeguard controls using sensor monitoring which makes it safe to use.
- In laboratory testing, Signify's UV-C light sources inactivated 99% of SARS-CoV-2 virus on a surface with an exposure time of 6 seconds¹.
- Proven, effective disinfection over the useful long lifetime of lamp and luminaire.
- Environmentally friendly - no ozone emissions during or after use.

Features:

- Specially engineered mirror optics to cut off UV-C irradiation beyond the sensor range to avoid any accidental exposure beyond the coverage area.
- Philips T8 TUV lamp included: 36W.
- Shortwave UV radiation peak at 253.7 nm (UVC).
- Various mounting options.
- Specially designed mirror optics improve efficacy by average 90% by controlled distribution of the irradiance (Compared to UVC Batten with Al Cover)
- Dip Switch available in sensor for time settings as per application



¹ Tests performed in a lab setting by Boston University using a Signify UV-C light source revealed that a dose of 5mJ/cm² reduced 99% of SARS-CoV-2, the virus causing COVID-19, in just 6 seconds. Based on the data, it was determined that a dose of 22mJ/cm² will result in a reduction of 99.9999% in 25 seconds. Research variables available upon request.