



**MEDIA RELEASE**

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**Global Lighting Association releases publication on germicidal UV-C lighting**

The Global Lighting Association has today published *Germicidal UV-C Irradiation: Sources, Products and Applications*.

Germicidal ultraviolet irradiation (also known as ultraviolet disinfection lighting) is a proven methodology for inactivating viruses on solid surfaces, in water and in air. As such it is expected to be a useful tool in the fight against the COVID-19 pandemic. UV-C is a category of ultraviolet light with wavelengths between 100-280 nanometres and is the most effective UV light for disinfection.

The Global Lighting Association's document discusses disinfection properties of UV-C and the various UV-C disinfection light sources in common use (mercury lamps, pulsed-driven xenon lamps, excimer lamps and UV light emitting diodes). It provides an overview of applications and products, including air disinfection, open controlled access locations, partially open upper-air disinfection luminaires, closed HVAC systems and water disinfection. Appendices cover the performance of various UV light sources as well as standards and regulations relevant to UV-C devices in selected countries and regions.

The document is the second in a series of publications on germicidal UV-C irradiation. The first, released in May 2020, provides safety guidelines for UV-C devices pending production of international standards.

The Global Lighting Association's two documents [\*Germicidal UV-C Irradiation: Sources, Products and Applications\*](#) and [\*Position Statement on Germicidal UV-C Irradiation: UV-C Safety Guidelines\*](#) may be downloaded from the Association's website.

*About the Global Lighting Association*

*The Global Lighting Association is the voice of the lighting industry on a global basis. GLA shares information on political, scientific, business, social and environmental issues of relevance to the lighting industry and advocates its position to relevant stakeholders in the international sphere.*

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