HAW Hamburg, Fakultät DMI Lichtlabor, Finkenau 35, 22081 Hamburg

Ayrton Lighting GmbH
Herr
Michael Althaus

Marie-Curie-Straße 2
32760 Detmold

B.SC. FABIAN OVING
Wissenschaftlicher Mitarbeiter
Lichtlabor

Measurement of the UV-C irradiance outside the product

Hamburg, 09.12.2020

Dear Mr. Althaus

Your product, the air purifier UVAIR216 from GoldenSea UV, was examined in the light laboratory at the Hamburg University of applied Science as part of the research on the inactivation of coronaviruses using UV-C technology. During the external examination of the device, all joints and crevices as well as all areas of the air inlets and air outlets were checked. A Gigahertz-Optik X1 (SN 49249) optometer with a 3703-4 (SN: 41704) measuring attachment was used fort he irradiance. No radiation intensity could be measured outside the device.

Sincerely yours

Fabian Oving

T +49 40 428 75 57 12
fabian.oving@haw-hamburg.de

HOCHSCHULE F ANGEWANDTE WISSENSCHAFTEN HAMBURG
Fakultät Design, Medien, Information
Department Medientechnik
Finkenau 35
22081 Hamburg

HAW-HAMBURG.DE

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Measurement of the UV-C irradiance outside the product

Hamburg, 09.12.2020

Dear Mr. Althaus

Your product, the air purifier UVAIR300 from GoldenSea UV, was examined in the light laboratory at the Hamburg University of applied Science as part of the research on the inactivation of coronaviruses using UV-C technology. During the external examination of the device, all joints and crevices as well as all areas of the air inlets and air outlets were checked. A Gigahertz-Optik X1 (SN 49249) optometer with a 3703-4 (SN: 41704) measuring attachment was used fort he irradiance. No radiation intensity could be measured outside the device at the air outlet. Near the air inlet a dose of 0.04 to 0.1 milliwatt per squaremeter is noticed but is almost far away from the maximum daily dose allowed of 2 Milliwatt per squaremeter. (ISO 15858:2016)

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