

PRESS RELEASE

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Guide for the Gonioradiometric Measurement of Upper Air Ultraviolet Germicidal Irradiation Luminaires

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Upper air ultraviolet germicidal irradiation (UVGI), in combination with appropriate room ventilation, is increasingly being used as a method to reduce transmission of airborne infectious diseases such as tuberculosis. UVGI luminaires appropriate for upper room air disinfection are installed above eye level and designed to limit vertical emission spread in order to prevent exposure to occupants as much as possible. Accurate UVGI luminaire emission profiles are needed to calculate the dose required for disinfection of airborne microorganisms. A radiometric measurement protocol for UVGI luminaires is a basis for this method of measurement. This guide is intended to promote uniformity and accuracy in the measurement of UVGI luminaires. Data will be exportable to any standard electronic data file formats for use in lighting software programs adapted for UVGI application.

The publication is written in English, with a short summary in French and German. It consists of 28 pages with 4 figures and is readily available from the CIE Webshop or from the National Committees of the CIE.

The price of this publication is EUR 72,- (Members of a National Committee of the CIE receive a 66,7 % discount on this price – please approach your NC for information on accessing this discount).