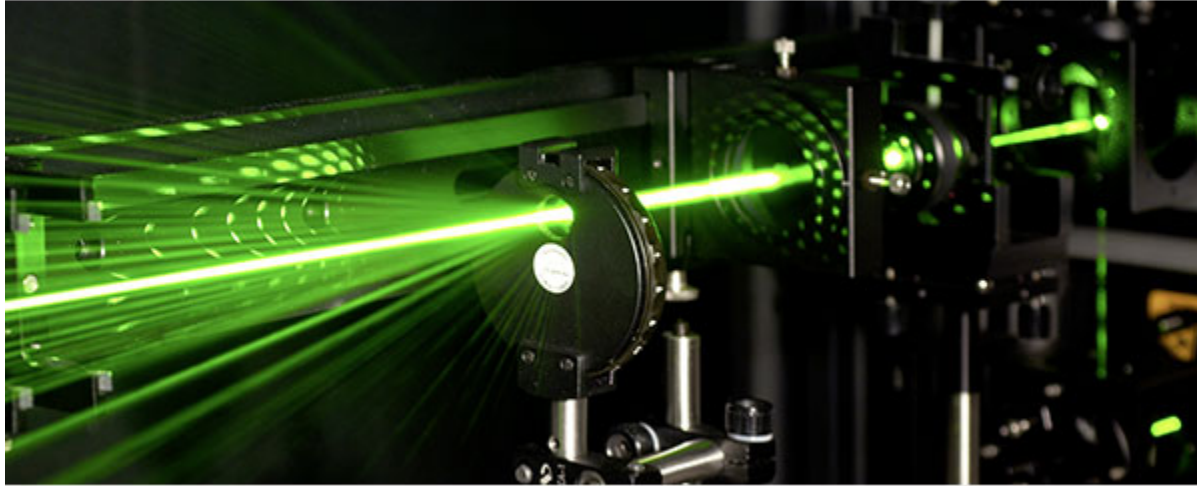


Laser, LED & Lamp Safety



<https://laser-led-lamp-safety.seibersdorf-laboratories.at>

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Amendment A11 to EN 60825-1

Amendment A11:2021 to EN 60825-1 was published and offered to the European Commission to be listed as harmonized standard under the Low Voltage Directive. This is a “Europe” only amendment, i.e. there is no equivalent amendment at the IEC level. With the exception of the wavelength range between 1250 nm and 1400 nm, the requirements of A11 will affect only a relatively small number of products.

Dr. Karl Schulmeister was project leader for A11 and has written a White Paper discussing the content of A11, which is available for free download.

[>> Download White Paper on A11](#)

Paper on model for skin injury

We are happy to provide the link to a recent peer reviewed publication of our team. The paper describes our computer model to predict laser induced skin injury, and its validation. The computer model is available for a risk analysis based on injury thresholds, independently from MPEs, but it is also planned to use the data to suggest potential improvements of the skin MPEs.

[>> Open access](#)

[>> Supplementary material](#)

Free e-book on laser bioeffects

Although the title is “Biomedical Implications of Military Laser Exposure”, the ten scientific chapters of this book form a generally applicable compendium on laser induced visual effects, as well as damage thresholds, from the cornea to the retina. Karl Schulmeister had the honor to co-author the chapter on the dependence of retinal injury threshold on image diameter.

>> Free Download of book chapters

International Laser Safety Conference, ILSC 2022

The ILSC is scheduled to take place 2022 in Houston, Tx, March 21-24. The format that was very successful in the previous ILSCs with Scientific Sessions, Medical and Technical Practical Applications Sessions is the basis for valuable information on all aspects of laser safety. The abstract submission deadline for scientific papers is July 12th 2021.

>> Conference website

>> Call for Papers

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