APPLICATION OF A STREAK CAMERA TO MEASURE LED LIGHT SOURCES

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ABSTRACT This article describes the possibility of using the streak camera to measure chosen parameters of LED sources – like transient and spectral characteristics. It discusses a measurement process flow using a tracer camera. Then was presented a method for measuring the spectral and transient parameters of radiation. In the final part of the paper, there was compared this measurement method in relation to the alternative solutions.

Keywords: measurements of optical radiation, LEDs source, streak camera