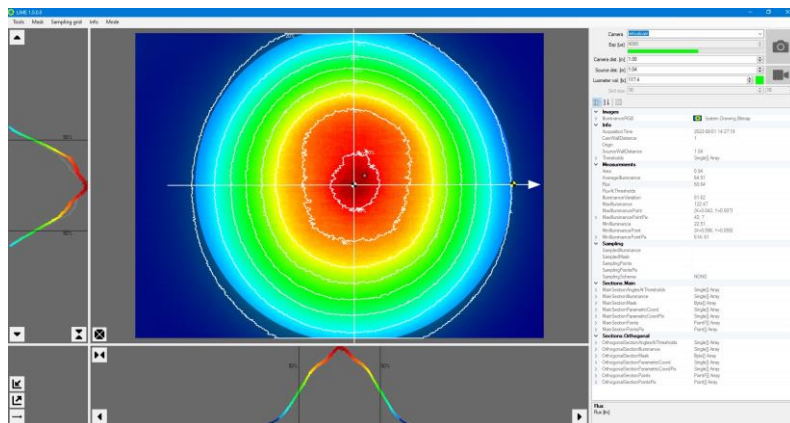
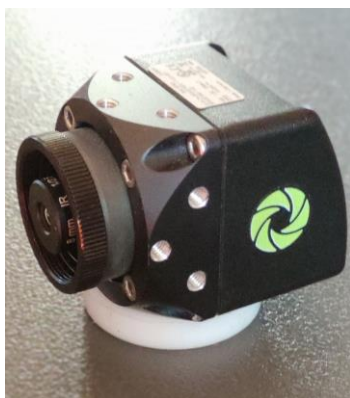


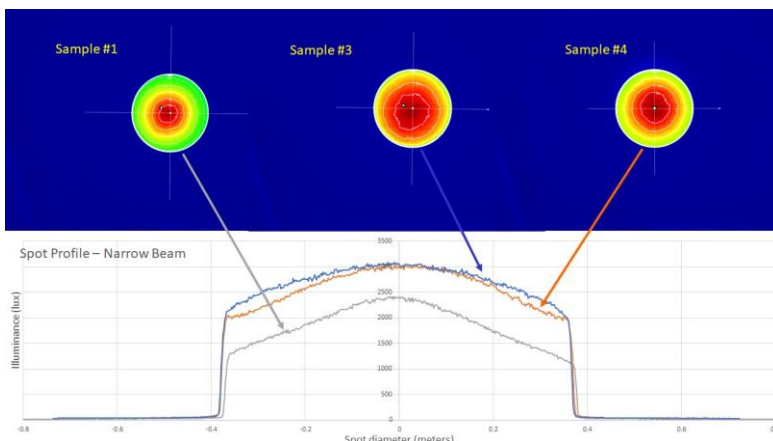


LiME Light Mapping Equipment

LiME is a **measuring device** based on a high resolution and high sensitivity camera preconfigured **for immediate 2D illuminance mapping, flux calculation** and several other optical and photometric measurements either in **laboratory, production, quality control or field applications**. Whenever you need a **fast and easy photometric characterisation of a light beam and spot** you can simply plug-in **LiME** in your PC and get the measurements.



Selection of components for your new optical or lighting products, test new samples or competitor systems are simple with **LiME** since you can get an immediate evaluation of their optical and photometrical quality. **LiME** will help you **to make a quick and right decision** and achieve **better product performances through a systematic and effective control**.



Using **LiME** in the **R&D** will **improve the quality** of the development and will **save time and money** thanks to a **better control of your process and a faster evaluation of prototypes and samples**, avoiding the usual very long times required by other instruments (goniophotometers, luxmeters etc..)

LiME is not only a laboratory instrument but it is suitable to be employed as a useful and **effective** auxiliary system **in field applications** when an accurate set-up of the light distribution is required.

LiME– Light Mapping Equipment is dedicated for **Illuminance 2D mapping, flux measurement** and other optical and photometrical parameters of **light sources of any size, type and power**. The system is based on **high quality monochromatic CMOS sensor equipped with special-designed low distortion high performance Optics**. Three different focal lengths with three different Field Of View are available (a fourth one is coming soon).

Proprietary software contains multiple analysis features as: illuminance levels map in colour palette scale, parameters listing, histograms, linear cross-sections, 2D Illuminance imaging, beam angles FWHM, FA and any custom angle set. In addition, a **specially designed SW algorithms and routines**, allows, for many types of beam, **to expand the angular measuring ranges** up to more than 50% of the nominal range. All the **scenes and the measurements can be fully saved** for a **complete and more accurate off-line analysis**. Photometric EULUMDAT files of light sources can also be generated.

