



The course will include how to:

- Create an opto-mechanical system model within LightTools, with native geometry or imported from a CAD program
- Use Surface Properties to define the interaction of light with smooth, scattering, and complex surfaces
- Use Boolean operations to construct complex structures
- Set up an illumination system, including multiple sources and multiple receivers
- Understand, interpret, and manipulate the intensity and illuminance analyses
- Create photorealistic renderings of models to visualize the system performance
- Improve system performance by using LightTools optimization with its various merit functions

**Contents:**

- Task lighting
- Illumination in LightTools
- Uniform Intensity LED lamp
- Projector design
- Backlight design
- Source modeling and Apodization
- Backward Ray-Tracing
- Luminaire design
- Color analysis
- LightTools Macro-programming

Participation costs 1000€/person.

**IMPORTANT**

Attendees are responsible for their own arrangements for accommodation.

Each attendee should bring his/ her own PC for the training. LightTools must be installed on the PC.

Tuition includes all teaching materials.

Tuition must be paid in full 10 days after the training. **Minimum enrolments apply. Under 4 participants we will cancel the training and postpone your participation to the next training.**

**Registration to :**

[sales@lighttec.eu.com](mailto:sales@lighttec.eu.com)