

TRAINING

ENERGY EFFICIENCY WITH INDOOR LIGHTING

OBJECTIVE

Lighting contributes to the well being of the occupants of a building (offices, workshops,...). Starting with the basic concepts of lighting, the course provides a method for the pre-dimensioning or the assessment of an efficient lighting installation and allows to quantify possible energy savings in existing installations.

TARGET GROUP

Consultancies, architects, technical and energy managers

DURATION

1 day for the basic module + an optional half-day for the "dimensioning" module

CONTENT OF THE TRAINING

- Basic introduction to lighting, photometry & colorimetry
- Sources & auxiliaries
- Luminaires: photometric distribution & electrical safety
- Criteria of equipment choice
- Standardisation, management and maintenance systems
- Relighting: what, why, how?
- Method for pre-dimensioning an installation

SPECIFIC ASPECTS

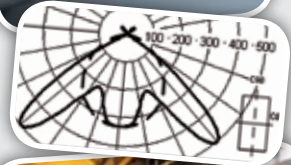
The training may be given anywhere, in Dutch, English or French. However a training day at Laborelec in Linkebeek allows a visit to our lighting laboratory. Groups of about 10 participants, allowing an interactive participation. The participants get a copy of the presented slides. Ideally, this course is completed by a half-day dedicated to the use of software simulation packages (DIALux and others) developed for dimensioning an interior lighting project.

RESPONSIBLE

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