



# TARGET GROUPS

## **For whom is the training, national examination and international registration as an ELE intended?**

The ELE concept is suitable for all candidates with different education and previous knowledge in the field of light and lighting.

You may have a qualification in another field but be new to the lighting industry. Even if you want to deepen or broaden your existing, specific knowledge, the ELE is suitable for you. The concept is also interesting for those who want to have a recognised confirmation of their knowledge and skills. An ELE can fulfil requirements that are demanding but do not necessarily require a university education.

### **The target groups include:**

- Electrical planners and installers
- Architects, interior designers, engineers
- Employees from the housing industry, facility management and wholesale trade
- Responsible persons from municipalities and authorities
- Sales staff from the lighting industry
- Operators of lighting systems
- Energy consultants

Whether you are a lighting beginner or already a lighting expert – the manufacturer-neutral and practice-oriented further training offers the ideal consolidation of your knowledge and optimal preparation for the ELE examination.

# ADVANTAGES OF THE ELE

*In addition to acquiring a broad range of knowledge in light and lighting, you will expand your network and obtain a title that is recognised throughout Europe, giving you an edge over the competition.*

The ever more complex requirements in the field of light and lighting place ever higher demands on the skills of those working in this field. Their qualifications are difficult to assess for customers and companies against the background of the high number of titles awarded. Terms such as lighting designer and lighting consultant are not protected titles and say nothing about the qualifications of the people behind them.

The European Lighting Expert, however, creates a broadly coordinated, practice-oriented, independent and internationally recognised standard. The hallmarks of the European Lighting Expert (ELE) are a particularly broad-based knowledge and the practical skills acquired. Whereas in other places lighting technology and lighting design are often seen as opposites, with the European Lighting Expert they are equal aspects of good lighting.

As an ELE, you are not only a member of a constantly growing network, but also secure an advantage in competition with others through your knowledge and the recognised evidence of it. The constant adaptation to current circumstances of the learning content by the Executive Committee of ELEA and the regular monitoring of the examinations by the Quality Assurance Commission (QSK) ensure a high level of teaching and examinations.

# CONTENTS AND PROCEDURES OF THE EXAMINATION

You can be examined and certified as an ELE for indoor and/or outdoor lighting. The examination is based on the learning objectives set by ELEA, which cover a total of around 150 individual topics. The spectrum ranges from the basics to lighting planning and design. Not only theoretical knowledge is assessed, but also practical skills.

## CONTENT

The spectrum of topics to be mastered ranges from the fundamentals of lighting technology, electrical engineering, light sources and luminaires to lighting planning and design, the execution, operation and refurbishment of lighting installations and photometric measurements in indoor and outdoor lighting. The detailed learning objectives are binding for all members and are constantly adapted in line with current developments.

## PROCEDURE

The national member societies regularly offer separate examinations for indoor and outdoor lighting. The examination consists of the presentation of a project work to be prepared in advance. This is followed by a technical discussion related to the contents of the project work and the learning objectives. There is deliberately no multiple-choice examination. This is the only way to test the most demanding level of competence defined by ELEA and to confirm it to the candidates.

## QUALITY MANAGEMENT

The Quality Assurance Commission (QSK) of ELEA monitors the uniform and proper conduct of the audits. It is independent and not bound by instructions to the Board of Directors and the Executive Committee of ELEA.

## COMPETENCE LEVEL

Memorised knowledge is not sufficient to pass an examination for European Lighting Expert Interior Lighting or Exterior Lighting. The learning objectives must be worked out with individual mental effort in order to achieve the required competence.

The learning objectives are therefore classified according to their level of competences to be achieved. The following three levels of difficulty are used for the examination: K1, K2 and K3.

- **K1 : KNOWLEDGE**

Reproduce knowledge learnt by heart or acquired through practice: e.g. enumerate, name, describe, point out, distinguish, define, represent, know contexts, laws and applications.

- **K2 : UNDERSTANDING**

- **K3 : APPLY**

The requirements increase from K1 to K3. The level to be achieved in each case is indicated in the learning content of the respective examination material.

## **PREPARATION FOR THE EXAM**

In preparation for the ELE examination, each national lighting company offers a suitable further training programme. In addition to the basics of lighting and electrical engineering, specific content on indoor and outdoor lighting is taught. The theory is reinforced by many practical exercises.

While the examination procedure and contents are identical for all lighting companies, the training programmes offered may differ. Depending on the amount of training required by the participants, this may result in different costs.

For detailed information, please contact the lighting association in your country:

**LiTG – Deutsche Lichttechnische Gesellschaft e.V.**

**[LTG – Lichttechnische Gesellschaft Österreichs](#)**

**[NSVV – Nederlandse Stichting voor Verlichtingskunde](#)**

**[SLG – Schweizer Licht Gesellschaft](#)**



The Executive Committee of the European Lighting Expert Association (ELEA) hereby confirms that

**Maximiliane Mustermann**

is listed at the request of the NSW in the Central Register of the European Lighting Expert Association.

He or she is authorised to use the title:

**European Lighting Expert (ELE)  
Interior Lighting and/or Exterior Lighting**

Registration and title are valid until April 15<sup>th</sup>, 2023.

Olten, April 15<sup>th</sup>, 2018

**Dr.-Ing. Matthias Hessling**  
President of ELEA

**Albert Studerus**  
Registrar

# CERTIFICATE