

THE LIGHTING INSTITUTE



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"Light is far beyond a tool. Light is the brush which artistically creates spaces, moods, atmosphere and much more. It aligns our lives, promotes our well-being and enhances architecture and our environment.

At The Lighting institute, we have a great knowledge & passion for light and lighting that can be restrained no longer; it's time to share our passion and spread our knowledge.."

MISSION & VISION

The Lighting Institute is a first for the region; an Association, a Community and a Voice for everything pertinent to quality lighting and quality lighting design.

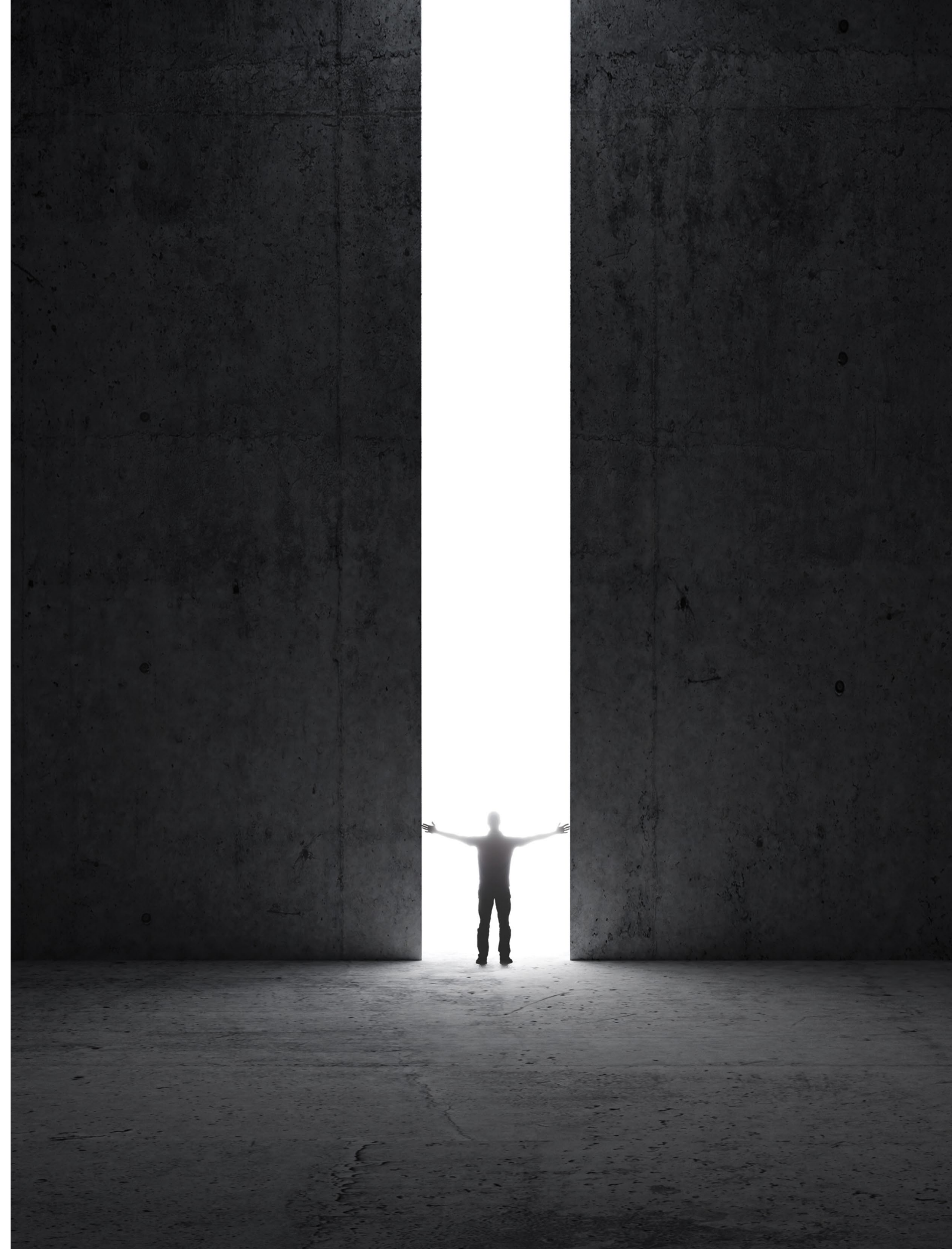
TLI aims to raise the awareness and maturity of the MENA region by connecting the lighting community, clients and legislators together enabling an improved and healthier profession for all. To study market demands, address critical issues in the region, develop databases of potential job candidates, vacancies and research and for the first time offer a comprehensive suite of high quality hands-on education courses available to all.

TLI's intensive & tailored courses (over 1-4 days), are offered in multiple languages (English, Arabic, Hindi), with flexible mentors, accommodating preferred locations and available to firms, groups and individuals. Today TLI offers 10 lighting design courses and 4 additional courses on specific lighting software.

TLI is already gathering the growing support of key individuals and groups worldwide whom are recognized pioneers in lighting. These together with top lighting education institutes from the UK, Germany and Denmark form TLI's esteemed Academic and Design advisory board.

The Institute aims to reach out to the entire spectrum of target audience needing to hear the voice of the lighting community, creating and supporting major regional lighting events, inviting key international experts and fueling constant lighting evolution for the Middle East.

It all starts with our website!
www.thelightinginstitute.com





WHY ARE WE SPECIAL?

We all share passion towards what we do in one way or another. We want to have the broadest spectrum of knowledge in all fields but not all of us have the luxury of time, high expenses or adapting to new environments.

The Lighting institute offers the future of education in the specialized field of lighting, and here is how:

1. The first & only lighting community in the MENA region to provide professional and hands-on high-quality education in lighting for professionals and students.
2. We collaborate with the best in the field on both academic and professional levels.
3. You will get a certificate which is recognized by key international lighting experts & practices.
4. The accreditation is renewable annually to ensure constant development of the individuals.
5. Multiple assessors evaluate the quality of the content of each course.
6. Our courses are affordable.
7. Our team will conduct the course at your location or nearest convenient facility.
8. Courses will be conducted by highly qualified tutors varying depending on the specialized topic.
9. We make sure we deliver all the contents you need for your professional development and personal passion.
10. We connect you to the professional world of lighting through our online portals. Members can apply for jobs or post for employment offers.
11. Members will also have access to distinguished lighting publications & papers from around the world.



YOUR FIRST STEP TO THE PROFESSIONAL LIGHTING WORLD

1. Visit our website www.thelightinginstitute.com
2. Select one of our 14 standard courses or request for a tailored course.
3. Choose to enroll in an upcoming course or request for a private course if you are a firm/group.
4. Enter your name & email address.
5. TLI representative will contact you to confirm your request and coordinate the necessary details.
6. You will receive a confirmation on the date and content of your selected course.
7. Attend the full course and successfully pass the test.
8. Receive the certification & become a lighting professional.



COURSES WE OFFER

C-01

FUNDAMENTALS OF LIGHTING DESIGN - ARCHITECTURE | 4 DAYS

Schools | Retail | Healthcare | Offices | Religious buildings | Galleries & Museums

- Participants will be introduced to the [main characteristics](#) of light.
- They will understand how we perceive light and it's [impact on our well-being](#).
- The course will cover the main [technical characteristics](#) and [terminologies](#) in lighting.
- Participants will be immersed in the [design process](#) and understand the different stages of lighting in various projects types.
- Explanation of [environmental impact](#) and measures for [sustainable](#) and energy efficient design.
- They will be equipped with the [fundamental knowledge](#) of lighting providing them with a [unique tool](#) developed from best practice and collective experience from international lighting specialists and educational institutes.
- Exposure to the [lighting equipment](#) and their availability and [cost](#) in the region.
- Participants will be able to evaluate the [quality of light](#) and [lighting equipment](#) from a technical and design perspectives.

C-02

FUNDAMENTALS OF LIGHTING DESIGN – HOSPITALITY | 3 DAYS

3-7 star Hotels | High-End Residential properties | Bars & Restaurants | Wellness

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- The course will cover the main [technical characteristics](#) and [terminologies](#) in lighting.
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- Participants will be able to evaluate the [quality of light](#) and lighting equipment from a technical and design perspectives.

C-03

FUNDAMENTALS OF LIGHTING DESIGN – EXTERIORS (FACADES & LANDSCAPE) | 2 DAYS

3-7 star Hotels | High-End Residential properties | Bars & Restaurants | Wellness

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- The course will cover the main [technical characteristics](#) and [terminologies](#) in lighting.
- Participants will be immersed in the [design process](#) and understand the different stages of lighting in various projects types.
- Explanation of [environmental impact](#) and measures for [sustainable](#) and energy efficient design.
- They will be equipped with the [fundamental knowledge](#) of lighting providing them with a unique tool developed from best practice and collective experience from international lighting specialists and educational institutes.
- Exposure to the [lighting equipment](#) and their availability and [cost](#) in the region.
- Participants will be able to evaluate the [quality of light](#) and [lighting equipment](#) from a technical and design perspectives.

C-04

LIGHTING CONTROLS & SMART SOLUTIONS | 3 DAYS

- The Course will cover the essential information about [lighting controls](#) and their [characteristics](#).
- Participants will be able to understand the control requirements and create [detailed schematic diagrams](#). They will also be able to select the appropriate system based on the [design requirements](#) and projects constrains.
- The course will provide a [comparison](#) overview between the lighting control systems, their [characteristics](#), [costs](#), [return on investment](#) and [availability](#) in the region.
- Exposure to the latest [lighting control systems](#) and the unlimited potentials of [smart solutions](#)

C-05

STANDARDS, CODES & SUSTAINABLE DESIGN | 1 DAY

- Overview of the different lighting [standards](#) and [regulations](#).
- Understanding all lighting sections in the most common [regional and international codes](#).
- Procedure to [comply with the authorities'](#) requirements and the [challenges in design](#).
- Exposure to [sustainable design](#) and its main constrains.

C-06

FUNDAMENTALS OF LIGHTING DESIGN – DAYLIGHT | 3 DAYS

- To master [procedures for daylight design](#) and [on-site assessment](#) of solutions (from early design, rules of thumb, to [detailed assessment](#)).
- Introduction to [façade solutions and roof system](#), with their advantages and drawbacks.
- [Optimization of daylighting](#) system sizing.
- To be able to [deal with constraints](#) of building surroundings (obstructions) as well as opportunities (surface reflectance).
- To master [basic photometry](#) of daylighting components (diffusers, reflectors, glossiness, example of materials).
- To be able to [design daylighting](#) solutions for [deep interiors](#)

- Comprehensive overview of [reference buildings](#).
- To understand [relevant standards](#) and useful information sources.

C-07

FUNDAMENTALS OF LIGHTING DESIGN – ROADWAY & PARKING | 2 DAYS

- Exposure to the [parameters](#) of roadway and parking [lighting & equipment](#).
- Various [case studies](#) highlighting the main [challenges](#) of roadway illumination in the Middle East compared to Europe & US.
- Evaluating [smart technologies](#) and possibility of [integration constraints](#) into modern communities.
- [Designing a roadway/parking](#) for a given project with challenging design parameters.

C-08

PROCUREMENT, INSTALLATION & MAINTENANCE | 2 DAYS

- Understanding the [procurement process](#) and the different parties & authorities involved at each stage.
- Full exposure to the [latest trends, technologies](#) and mistakes carried out at installation sites.
- Understanding the [maintenance protocols](#) and how to replace and maintain lighting equipment today and in the future.

C-09

THEATRICAL, THEME & EVENT LIGHTING | 2 DAYS

- The course will cover the [essential information](#) about lighting for theatre, theme and event projects and the [evolution](#) of the [various techniques](#).
- Interaction design displaying various [design methodologies](#) to suit the different design schemes.
- Highlight the challenges and [design constraints](#) in the different projects types.
- Overview of a number of projects and help in [selecting the right approach](#) according to the design requirements and project's challenges.

C-10

PRESENTATION & COMMUNICATION TECHNIQUES | 4 DAYS

- Appreciating the [value of communication](#) techniques as a professional asset.
- Exposure to [various challenges](#) experienced [in the regional market](#) and various techniques to [establish the suitable communication channel](#).
- [Practice and sharing experience](#) for better performance.
- Evaluating [communication quality](#) and improve [body language techniques](#).
- Witness [individual's progress](#) through various assignments and practice.

C-11

DIALUX EVO 1.0 | 3 DAYS

- Participants will be introduced to the [various features](#) and the [parameters](#) of the software.
- They will have an overview of the [main characteristics](#) of lighting and [photometry](#).
- They will be able to model simple spaces and understand the [basic arrangements](#) of [lighting equipment](#).
- At the end of the course, participants will be able to extract a [professional lighting calculation report](#) for a selected project.

C-12

DIALUX EVO 2.0 | 2 DAYS

- An in-depth study of [complex modeling](#) techniques and various [sophisticated calculations](#) conditions.
- Participants will understand how to [group luminaires](#) and set [lighting scenes](#).
- Run a [complete lighting calculation](#) for a design project and exposure to expert tips to [save time](#) and [enhance quality](#) of the output.

C-13

REVIT FOR LIGHTING | 2 DAYS

- Understanding the [fundamentals](#) and the [interface](#) of the software.
- Unlocking the [potentials](#) of the software in the lighting world.
- Tips for [time efficiency](#).
- Ability to handle the software and produce [high quality documentation](#).
- [Integration](#) with other disciplines.

C-14

LUMION FOR LIGHTING | 2 DAYS

- Introduction to the [software](#) with its various [capabilities](#).
- Understanding the [interface](#) and means of [integration](#) with other software.
- Complete [project design](#) for day & night renders.
- Tips for [time efficiency](#) and producing high quality [fly-thru videos](#).

C-15

FULLY TAILORED COURSE | (...) DAYS

- [Flexible](#) course, [tailored](#) to fit a firm or group's requirements.
- Applicants to [determine the main topics](#) to be addressed during the session.
- A group of [experts from TLI](#) will review the requirements and [form a comprehensive course](#) adding all necessary supplementary information for [the best outcome](#) and conduct the session accordingly.

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P.O. Box 55138
Dubai, UAE

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