CPD Seminars

Thorlux offers a range of professional CPD presentations ranging from updates in lighting technology to guidance on lighting applications and legislation.

These presentations are CIBSE approved therefore non-sales based and are intended to disseminate knowledge and best lighting practices.

CIBSE CPD

Please note, all Thorlux CPDs have an anticipated duration of one hour.

Book a CPD at www.thorlux.com/cpd

Lighting for Emergency Situations (LG12)

Emergency Lighting and Signage present a number of challenges for the designer, the installer and the end-user. Design requirements vary between different types of buildings, and the needs of specific users need to be considered. The building owner has a legal obligation to regularly test and maintain emergency luminaires, but this can be time-consuming and costly.

This presentation considers the issues raised by the current legislative requirements particularly for the designer and the end-user. It shows how new technologies can be used to address the issues relating to effective emergency lighting provision, and to reduce life-cycle costs for the end-user.

Lighting Fundamentals

The productivity and wellbeing of people within a given space can be significantly affected by the lighting. Achieving the correctly lit environment in an energy efficient and regulatory compliant way is the crux of lighting design.

This presentation examines the fundamentals of lighting, focusing on topics such as "What is light?" and "How does the eye work?" The basics of lighting design and lighting design criteria, including the importance of maintenance factors, reflection factors and glare are discussed, as well as commonly used terms and units.

CPD Seminars

Non-Visual Effects of Light

Light plays a much bigger role in our lives than just allowing us to see. As we begin to understand more about our response to light and human behaviour, increasingly lighting designers have much more to think about than just task illuminance alone.

This presentation looks at how light impacts us, our response, and suggests ways in which we can improve our artificially lit environments and enhance our wellbeing.

A Guide to Luminaire Sustainability Metrics

With an ever-increasing number of sustainability success metrics becoming available, it can be difficult to assess the sustainability credentials of a luminaire.

This presentation reviews some of the key sustainability assessment methods, including Life Cycle Assessment (LCA), Environmental Product Declarations (EPDs), CIBSE TM65, and CIBSE TM66. The presentation will help you gain an understanding of these assessment methods, how to complete them, and the challenges and opportunities involved with doing so.

Light Pollution and Dark Skies

The course is designed to provide participants with decision-useful knowledge on Light Pollution and Dark Skies. It begins with definitions and types of light pollution, moving on to impacts on wildlife and ecosystems, human health, energy and climate change, crime and safety and night sky heritage.

The core of the course is how to apply Responsible Outdoor Lighting at Night (ROLAN), aided by reference to available guidance and certification. Technical solutions are covered, focusing on luminaire optics and aiming, LED colour and the use of effective controls.