One Day Advanced Training Seminar

A comprehensive day's training in the advanced use of Lighting Reality design software that will engage experienced users of the program in a stimulating open forum covering aspects of the design process extending well beyond day-to-day project work.

The challenges that increasingly face the professional Lighting Engineer, particularly with the implementation of BS 5489-1 : 2013, and BS EN 13201 : 2015 are addressed. And, not least, with Lighting Reality the only independently-produced design software originating in the UK – and now the clear industry standard – this forum provides the opportunity to actively participate in Reality's on-going future development.

Agenda

09:30   Coffee & Registration

09:40   Delegate Introductions

09:45   **A review of the wider implications of CEN implementation.**

A summary of BS5489:2013 and the associated standard BSEN13201:2015 and the future amendments.

10:15   **Morning Session – The Road Program**

Perspectives in understanding the optimal selection of lantern, BS5489:2013 specifically covering S/P ratios, the program optimisation results calculation and display facilities, including the Luminous Intensity Classes now being derived as 'installed for use'. Non-standard road layout applications

Use of the comparison table, user defined S/P ratios

11:30   **Coffee Break**

11.45   **Morning Session – The Road Program Practical's**

Tutorial where delegates will undertake example designs in practical illustration of the concepts explored in the first session. This interactive session includes one-on-one training.

12:30 Lunch

13:15   **Afternoon Session – An Advanced Area Program Tutorial**

The session majors on those aspects of the Area program applicable to 'challenging' designs:

The use of high masts including aiming of floodlights.

Use of AutoCAD file import, export and related grid arrangements.

Use of the Area module for Conflict Areas and attendant masking techniques

Using multiple grids and masking layers with vertical and rotated grids

The application of extended horizontal, vertical and sloping grids

Exporting completed design to AutoCAD

Additionally, using the area module, an insight is provided into the origins and comparative features of the differing types of photometric files in use for 'source data', including the 'rotation' of these files and the implications of this.

15:00   **Coffee Break**

15.15   **Area Program Practical's**

An interactive forum where the delegates will undertake sample designs for Conflict Areas and Floodlighting on their laptop computers, with the opportunity for one-on-one training. This session will include a review of the interaction between Reality, AutoCAD software and conclude with a review and discussion of planned future developments for Reality.

16.30   Depart

16.31

Nick Smith is an accredited CPD presenter and this course will attract 5 CPD points. Each delagte will receive a certificate.

Each delegate will get the use of a provided laptop for the day with Lighting Reality and AutoCAD installed