

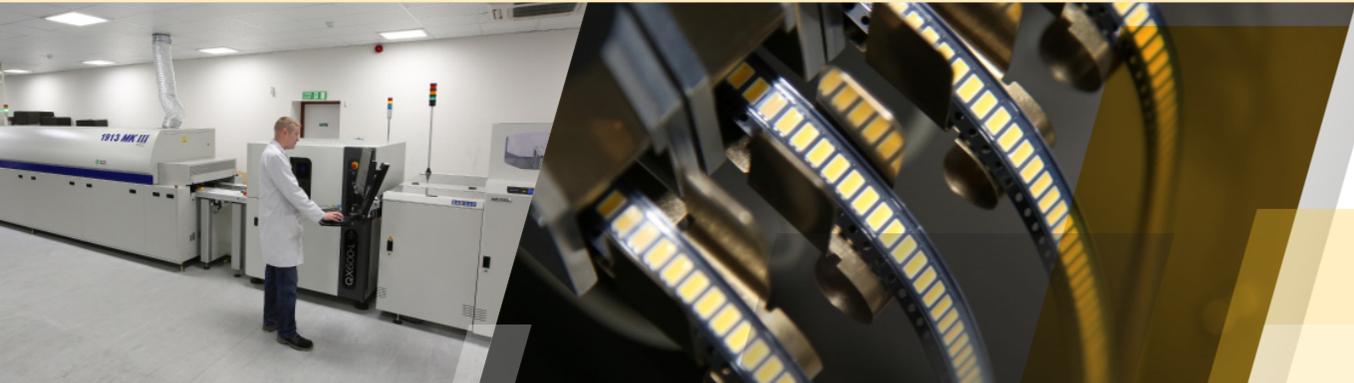


LEDs Uncovered

## LED Technology

LEDs are dramatically changing the landscape of lighting, but keeping up with constantly developing technology can be a minefield for electrical engineers, specifiers and users alike. How do you work out what the real facts are from the myriad of claims that light source and luminaire manufacturers are making about this revolution in lighting?

Whitecroft Lighting has created a 'back-to-basics' training seminar, to help all users of this new technology. Designed to take the mystery out of LEDs, the seminar adopts a non-commercial approach to dispel the myths, whilst conveying practical knowledge to help installers, specifiers and users to make an informed choice.



### What will I learn?

The seminar covers a wide spectrum of topics to deliver a thorough understanding of the technology, performance characteristics and limitations of LED lighting.

- How LEDs work
- Types of LED and where they can be used
- Understanding colour consistency and binning
- Understanding LED lifetime metrics
- Manufacturing and testing standards
- Light engine design and thermal performance
- How LED modules are manufactured
- LED light source development roadmap

### Who should attend?

Designed for anybody who wants to understand more about LED lighting and how it compares to conventional light sources, the seminars are suitable for:

- Estate and Facility Managers
- Electrical Consulting Engineers
- Local Authority Design Engineers
- Electrical Engineers
- Installing Contractors

### Where and when?

All seminars will be held at Whitecroft Lighting's head office and manufacturing facility in Ashton-under-Lyne, to enable interactive demonstrations of the concepts being discussed.

The day kicks off at 10am and we aim to finish by 4pm. Lunch, refreshments and appropriate background materials are provided. All you need to bring is an open mind and your questions.



### Who is the trainer?

Tim Bowes, Lighting Technology Development Manager at Whitecroft Lighting, has been involved in the lighting industry for over 18 years, with experience in lighting design, product development and training. Amongst his many roles, he is responsible for the technical compliance within the business and the Whitecroft technical training programme. Tim is a former runner-up of the prestigious David Currie Award (for LIA Advanced Certificate Holders). Through active involvement within the lighting industry, Tim was a member of the task group who wrote the recently published SLL Lighting Guide 2: Hospitals and Healthcare buildings.



## Interested?

For course availability, please speak to your local Whitecroft Lighting contact or visit our website to register your interest: [whitecroftlighting.com](http://whitecroftlighting.com)

## Available Dates

25 March 2020 | 24 June 2020 | 14 June 2020

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