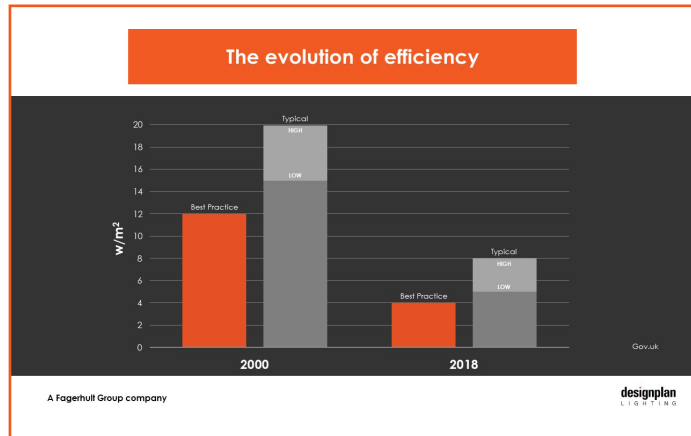


Lighting: The retrofit revolution



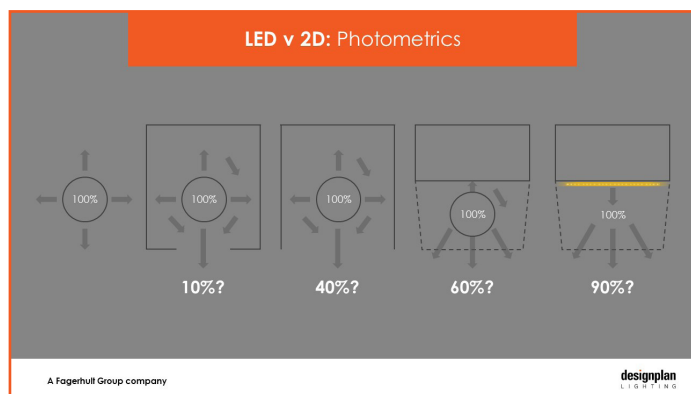
The move to LEDs has been a major disruptive technology shift for the lighting industry, which has opened up new opportunities as lightsource efficiency has rapidly increased. It is now entirely feasible to consider retrofitting luminaires that may only be a few years old, and those luminaires that are ripe for refurbishment could even include early LED versions, given the pace of improvement.



This CPD examines the benefits and pitfalls of retrofitting luminaires with the latest LEDs, focusing on the key factors to be aware of.

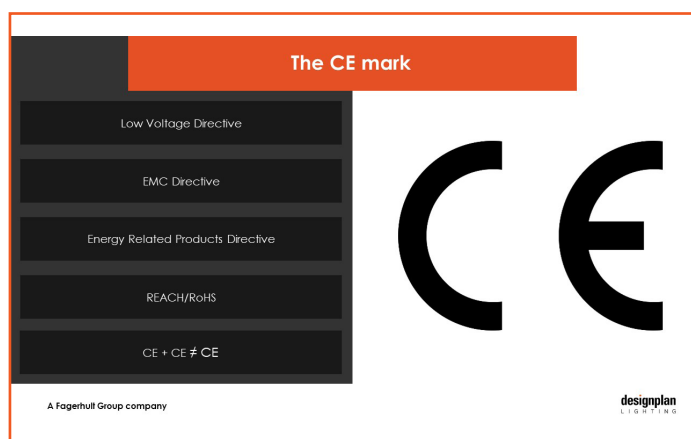
We will look at the cost of lighting, how technology has made luminaires more efficient and the current opportunities for retrofitting.

The CPD explains the case for saving energy, examining photometrics, maintenance factors and colour temperature. We also look at operational life and LED compatibility in existing fittings.



We focus in-depth on the regulatory framework governing the retrofitting of luminaires. Areas include:

- ✓ Relevant directives (LVD, EMC, ErP and RoHS, WEEE).
- ✓ How to maintain the original CE mark
- ✓ Remaining compliant with the Consumer Protection Act (CPA)
- ✓ Satisfying your Construction Design and Management (CDM) responsibilities
- ✓ Warranty and service
- ✓ Best practice



The CPD concludes with an examination of other LED retrofit opportunities. This includes lighting controls and future ways of buying lighting products.

To arrange this CPD, either at your premises or at our factory in Sutton, please contact your Area Sales Manager or e-mail marketing@designplan.co.uk

illuminating challenging environments

