



Do not compromise on light quality

In the lighting market, a retrofit lamp is a replacement lamp that uses the advantages of LED technology to save energy costs without altering with the existing lighting system. Only the light source (e.g. obsolete T5/T8 fluorescent tubes or compact fluorescent lamps) is replaced. Instead of the complete luminaire.

What sounds so simple and convincing in theory, however, often proves to be more complex in reality.

In the professional environment, other factors must be considered in addition to energy and investment costs:

- Overall cost-effectiveness
- Compliance with guidelines and standards
- Safety and warranty
- Lighting quality and utilisation

We will be happy to advise you on a sustainable, holistic solution tailor-made to your needs. Contact us.

MORE INFORMATION:



www.trilux.com/refurbishment



An overview of the most important points to consider when using retrofit lamps.

- The electronic control gear (ECG) used in a conventional fluorescent luminaire can be technically very different to the requirements of LED's. Retrofit lamps of the same size do not work with all conventional ECG's. The use of retrofit lamps must be tested individually, as the lamp must be matched to the specific ECG.
- The operation of retrofit lamps in tandem circuits must be checked in advance based on the technical product data sheets (previously 2 x 18 watt fluorescent lamps could be connected in series to one ballast).
- When using retrofit lamps, the information on failure rates and service lives must be observed.
- Retrofit lamps may exhibit low colour consistency (SDCM).
- Retrofit lamps, unlike LED luminaires, are exempt from most government subsidies.
- The light quality of retrofit lamps varies widely but is at best roughly comparable to the previous operation of the lighting system with fluorescent lamps.

MORE INFORMATION:



www.trilux.com/refurbishment