



TRI LUX
SIMPLIFY YOUR LIGHT.

SWECO

Circular Lighting Refurbishment,
United Kingdom

Sweco

Circular Lighting Refurbishment

Sweco UK Ltd, a leader in sustainable engineering and design, recently partnered with TRILUX to deliver a circular lighting refurbishment at its Maidenhead office.

The project involved upgrading old fluorescent luminaires installed in multi-service chilled beams on the first floor, bringing a more sustainable, energy-efficient, and visually comfortable lighting solution to the space.



Address

Mansion Gate Drive, LS7
4DN England, United
Kingdom





A Circular Collaboration

The collaboration was underpinned by shared values around climate responsibility, circularity, and the creation of better environments. Both Sweco and TRILUX are committed to the United Nations Sustainable Development Goals and see the transition to a circular economy as key to addressing climate and resource challenges. This shared ambition shaped the project's approach—from minimising waste through luminaire refurbishment to enhancing lighting quality and workplace wellbeing.

TRILUX's innovative approach to circular economy enabled Sweco to retain and upgrade many of the existing luminaires, avoiding unnecessary waste and delivering significant carbon savings compared to a full luminaire replacement.



DESIGNING WITH SUSTAINABILITY IN MIND

A successful mock-up helped secure the project, with TRILUX presenting a customised trial luminaire that modernised the appearance and performance of the original fittings. Outdated louvres were replaced with micro-prismatic diffusers, enhancing glare control and visual comfort while preserving the architectural integrity of the space.

Conor O'Donoghue, Operations Director at Sweco UK Ltd, commented: "This project demonstrates the impact of thoughtful design and strong collaboration. At Sweco, we aim to lead by example when it comes to sustainability. By reusing and refurbishing rather than replacing, we not only minimised waste but improved the quality of the office lighting for our team. TRILUX supported us every step of the way, ensuring the results met both our operational needs and circular economy objectives."



A BLUEPRINT FOR FUTURE PROJECTS

The refurbishment marks another milestone in TRILUX's mission to support clients in making the shift towards a circular economy. It also sets a strong precedent for future upgrades within Sweco's UK office portfolio, proving that sustainable design can sit side-by-side with performance and aesthetics.

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