

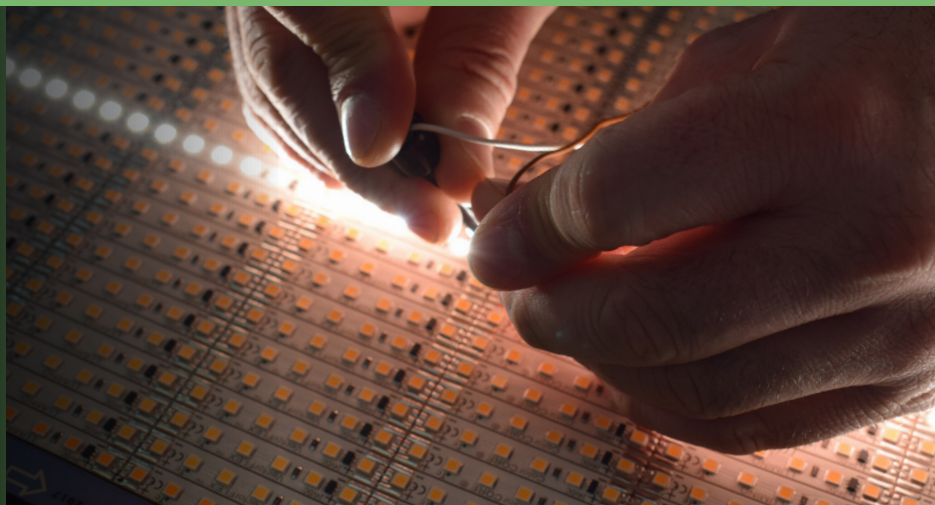
Join the circular economy with loop™

Our exclusive remanufacturing scheme, bringing new life to your lighting.



## LIGHTING EXPERTISE

With over 35 years of expertise in the industry, British lighting manufacturer LUMINO is now closing the circle with its exclusive remanufacturing scheme named loop™.



### CO<sub>2</sub> REDUCTION

Remanufacturing extends the lifespan of products reducing greenhouse gas emissions associated with production, including raw material extraction, manufacturing, and transportation.



### ENERGY SAVINGS

The loop™ scheme ensures your lights are remanufactured using the latest energy efficient LED light sources, helping your building achieve targets for BREEAM and WELL.



### EXTENDED LIFETIME

Remanufactured lights come with a 5 Year Warranty and can typically be serviced and upgraded beyond the initial warranty giving a lifespan of up to 25 years.

## STAGE 1: ASSESSMENT

During this stage, we'll discuss your requirements, develop a design brief, and assess the feasibility of remanufacturing the lights. Through meetings, visits, and lighting samples, we'll explore your expectations and evaluate reusable and replacement parts, as well as control gear considerations and existing building control system compatibility.

Our Design Team will create preliminary drawings and 3D visuals of the remanufactured lights, along with a detailed bill of materials. We'll review these designs with you, incorporating feedback and making necessary revisions. Additionally, we'll explain our proposed methods and timelines for efficiently removing, remanufacturing, and reinstalling the lights.

## STAGE 2: DESIGN

Once an agreement is reached and the order is approved, we'll initiate the remanufacturing process, beginning with a single light. We'll meticulously measure key metrics before and after remanufacturing to provide a comprehensive comparison between the old and new lights. These metrics typically include:

*Lumen Output (measured accurately using an integrating sphere), Thermal management characteristics, Colour Temperature, Colour Rendering (CRI / TM30), Spectral Distribution, Beam Angle / Field Angle (measured using a goniometer), LDT / IES Photometric Data File creation.*

## STAGE 3: REMANUFACTURE

We can provide light removal, or you can opt to engage your own electrical contractor and ship the lights to our Harlow, Essex factory, conveniently situated 30 minutes from London.

All work adheres to our ISO9001 Quality Management System and our team of highly skilled engineers ensures that each light complies with BS EN 60598-1. After completion, the lights will be relabelled to indicate compliance with the latest standards. We prioritize the use of reusable, recycled, and recyclable materials for packaging when possible. Any unused parts are fully recycled through our WEEE recycling partner, Recolight.

## STAGE 4: COMMISSIONING

Following the re-installation process, we will conduct a thorough inspection of the lights to ensure proper functionality. If applicable, we will assess the lights' compatibility with any pre-installed building control or dimming systems. In instances where compatibility issues were anticipated during Stage 1, we can provide wireless lighting control gear, such as Casambi.

We can also conduct training to the on-site contractors and/or facilities maintenance team to ensure proficient operational control and maintenance of the remanufactured lights.