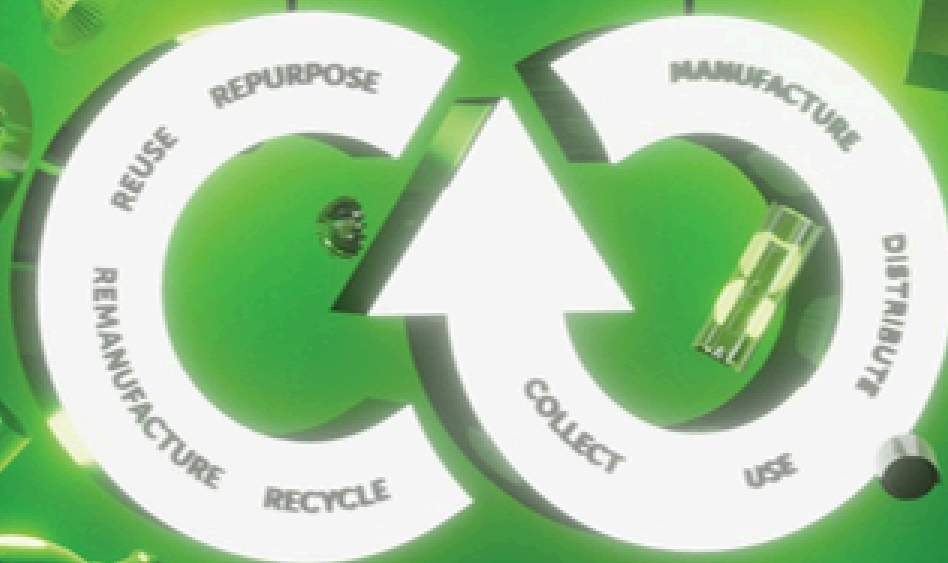


REUSE RECYCLE

# ReCOlight

## Commitment to The Circular Economy & Sustainability



### + Net Zero Impact Statement

Issued 2025

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# Sustainability really matters. More than ever.



We can all see the effects of the changing climate around us. Longer and hotter heatwaves, more flooding, more wildfires, and increasingly devastating storms and other extreme weather events.

The Recolight response is twofold:

Firstly, we try to put our own house in order. We put in place policies and strategies to reduce our own carbon footprint, to improve the circularity of what we do, and to encourage our suppliers of transport and recycling services to do likewise.

And secondly, we use our role as one of the UK's leading WEEE schemes, to encourage others in both the lighting and waste sectors to also adopt more circular economy principles and to reduce carbon emissions.

This document explains what we are doing to meet those two objectives.

Pleasingly, the strategies are bearing fruit. There is still a great deal that we must all do, both within the lighting sector and beyond but it is good to recognise that change is in the air.

**Nigel Harvey, Recolight CEO**



## Lighting & The Circular Economy

Transformation to a Circular Economy is an essential requirement for manufacturing businesses. This will become ever more important as demand for resources rises, energy costs increase, and the need to decarbonise accelerates.



Resource depletion will begin to drive up the cost of raw materials, leading to more use of recycled materials.



A route for fixtures to enjoy further lives after the original installation is a natural next step for a circular economy.



Services are available to facilitate the reuse and repair of fittings. Remanufacturers have indicated they will provide warranties and certification of reused product.



There is an emerging opportunity for maintenance and manufacturing companies to offer re-manufacture or reconditioning services.



Specifiers have a crucial role to play in educating end users about the importance of using products which embody circular economy principles.



Future reforms to the WEEE Regulations will incentivise reuse, and circular business models. Defra is considering setting separate targets for reuse.

# ReColight Impact Statement

## **Recolight are actively following a path of reducing the carbon emissions of our operations**

In 2021, we set a target to be Net Zero by 2030, but we now know this will not be possible with the technologies currently available to us. However, we continue to pursue emissions reductions by regularly evaluating our logistics and other operational activities, without using carbon offsets.

Independent environmental contractors assessed our baseline carbon footprint in 2019 and 2024, and we monitor our progress by setting annual carbon emissions reduction targets.

In recognition of the real-world challenges to reaching our goal, particularly given the lack of availability of low carbon HGVs, we have adjusted our targets.

## **Recolight is committed to achieving Net Zero emissions by 2040**

To achieve this Recolight has set two interim targets:

- A 50% reduction in Scope 1, 2 and Business Travel by 2030, from a baseline measurement of Recolight's 2024 footprint.
- A 25% reduction of carbon emissions per tonne of waste collected, by 2030, also from the 2024 baseline.

## **Policy changes**

Several general policy changes have been implemented as a part of our commitment to reducing emissions and a circular economy.

- Office equipment is replaced only when necessary and refurbished laptops are specified, not new.
- Net Zero reduction criteria are included in all recycling and logistics supplier tender documents. Suppliers are scored based on these criteria, and those who demonstrate better carbon reduction methods receive a higher score.
- Staff do not fly on company business, and we encourage travel by train or EV.
- Recolight conferences and workshops are paperless and only offer vegetarian/plant-based food (which has much lower emissions than meat).
- We have changed our bank from HSBC, which is one of Europe's largest financers of fossil fuel projects, to Lloyds and NatWest, both of which have much lower exposure to fossil fuels.
- Our staff have options for choosing pension investments which do not have exposure to fossil fuel companies.

## So what more have we done to reduce our emissions?



Our IT systems now automatically monitor transport carbon emissions for all types of WEEE we collect.



We have changed our service provision to limit the number of next day and short notice container deliveries and collections. This almost always resulted in a dedicated vehicle movement for that one job.



We provide multiple containers to distant and high-volume collection points. One vehicle movement can collect multiple containers.



We aim to collect all containers on a site in one movement. Our IT system alert us if a site has additional containers that have not been requested for collection.



We educate and encourage collection points to stack containers efficiently, and to only request a collection when the container has reached capacity. We have a monthly Carbon Reduction Champion award for the Collection Partner with the highest container weight in the network.



CO2e emission reports to help collection partners monitor and reduce the carbon footprint associated with waste lamp and luminaire collections. The reports support scope 3 reporting for reducing carbon.

## Recolight carbon footprint data

Year	Waste Lamps %age change YOY		Waste Commercial Luminaires % change YOY		Waste Street lighting Luminaires % change YOY	
	kg CO2e/tonne	kg CO2e	kg CO2e /tonne	kg CO2e	kg CO2e/tonne	kg CO2e
2022	24.62 (1%)	41270 (0%)	91.47 (-70%)	36243 (-48%)	24.59 (-63%)	24938 (-59%)
2023	21.70 (-12%)	36915 (-11%)	45.34 (-50%)	14459 (-60%)	9.69 (-61%)	9752 (-61%)
2024	24.37 (12%)	37030 (0%)	58.82 (30%)	15017 (4%)	12.26 (26%)	11326 (16%)

As the data shows very clearly, despite the herculean efforts of the Recolight team to reduce carbon emissions, it is not always possible. The scope 3 emissions of the transport of waste is by far the largest component of our carbon footprint, and this in turn is very largely driven by the need to use diesel powered HGVs. The team continue to implement strategies to reduce our carbon footprint, described above, and are committed to reporting progress annually."



# SERVICES

## Advancing the Circular Economy

### Expanding Industry Engagement | New Webinars and Conferences

Recolight continue to demonstrate sector leadership through an expanded programme of Circular Economy webinars and conferences. These events play a critical role in equipping the lighting industry with the knowledge and tools required to accelerate the shift to sustainable practices.

Attendance at the events underlines the growing appetite across the supply chain to understand and apply circular economy principles. The webinars serve as a practical learning platform, helping manufacturers navigate increasingly complex sustainability requirements and certifications.

These initiatives support Recolight's strategic mission to foster collaboration, raise industry standards, and accelerate the transformation to a circular and low-carbon lighting sector.

**Recolight are encouraged to see the lighting industry taking steps to become more sustainable.**

It is a given that the industry produce light sources that are now very energy efficient. The understanding of how our industry can really become sustainable is evolving and that needs change right across the supply chain.



# SERVICES

## Advancing the Circular Economy



Circular Lighting Live is the UK's largest event dedicated to sustainable lighting. Established by Ray Molony and Recolight in 2022, the event has become a vital touch point on the industry's journey to a low carbon, circular economy.

The conference brings together leading experts, specifiers and policy makers to share their insights into forthcoming standards and legislation, emerging technologies and new business models.



Recolight Circular Economy webinars have been attended by lighting manufacturers, users, designers, specifiers, distributors, and contractors; the whole supply chain.

Over 2024 and 2025, the webinar series has included topics such as: Understanding environmental metrics, Complying with future ecodesign regulations, Designing lighting for disassembly and reuse, procuring sustainable lighting: A specifier's guide.



### Net Zero Lighting Conference: A Pioneering Industry Event

In 2024, Recolight launched the Net Zero Lighting Conference, the UK's first dedicated event focused exclusively on achieving net zero within the lighting industry.

A further event was held in 2025, reinforcing the need for positive action on decarbonisation. With keynote addresses and panel sessions exploring carbon reduction, embodied carbon, product innovation, policy, and procurement, the conferences provided a roadmap for businesses navigating their own net zero journeys.

The conferences underlined the urgency of action and the vital role of lighting in the broader climate agenda. As interest grows in regulatory frameworks and corporate sustainability goals, Recolight is committed to helping to keep net zero a cornerstone of the sector's sustainability efforts.



## The Numbers

### Webinars | 2020 to 2025

Held	Registrations	Watched recording	Speakers
28	4543	6257	102

### Conferences | 2022 to 2025

	Held	Attended	Speakers
Circular Lighting Live	3	820	90
Net Zero Lighting & Remanufacturing	3	292	49

# SERVICES

## Driving Product Sustainability

### LCA & EPD Services

In 2024, Recolight significantly enhanced its offering to support the lighting industry's journey towards sustainable product innovation with the launch its Life Cycle Assessment (LCA) service.

This service offers training and support to lighting manufacturers on the LCA methodology with particular emphasis on its use for Environmental Product Declarations (EPDs). LCAs enable manufacturers to understand the environmental performance of their products, enabling sustainable innovation.



Recolight provide training in LCAs via webinars open to all including manufacturers, designers and other lighting professionals, but also in more detailed format as as day, in-person workshops.

Workshops are designed for manufacturers looking to learn the LCA methodology and the implementation of an EPD strategy.

For manufacturers looking to take a comprehensive approach to EPDs, Recolight provide support services, offering licensing for the One Click LCA software platform, the relevant onboarding training and ongoing, on-demand support.

Recolight's One-Off EPD service complements this; providing lighting manufacturers with an accessible and cost-effective pathway to obtaining their first EPD. Recognising that traditional EPD development can be resource-heavy, the One-Off service provides a stepping stone into the EPD journey at a competitive price.

Together, these services remove barriers for lighting manufacturers and specifiers aiming to quantify and communicate their sustainability credentials and help prepare the industry for future legislative and procurement requirements.

# SERVICES

## Driving Product Sustainability



Recolight's one day Remanufacturing Lighting Products workshop equips lighting manufacturers to establish or outsource a remanufacturing process. Led by Simon Fisher, the session covers LED retrofit design, compliance testing, and applying the BS8887:221 standard.

Delegates explore assessing used luminaires, upgrade options, warranties, liabilities, and measuring environmental benefits such as carbon savings. The workshop supports circular economy goals by showing how reuse can cut embodied carbon.

Designed for professionals across technical, compliance, and sustainability roles, it uses a roundtable format with case studies, common pitfalls, and a Q&A. An in-house version is also available.



Edited by Ray Molony

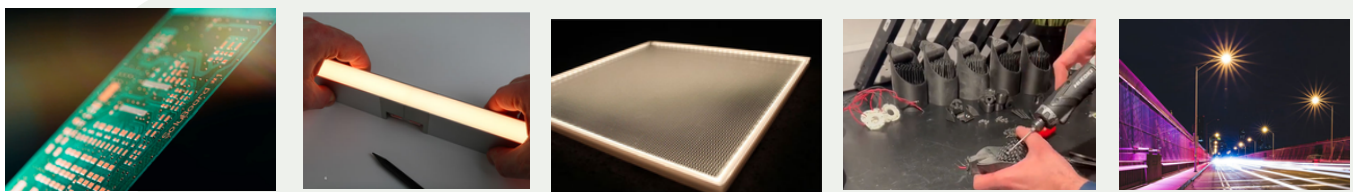
## CIRCULAR LIGHTING REPORT

Your guide to sustainable lighting



Launched in June 2022, the Circular Lighting Report is Recolight's digital platform for thought leadership, insight, and industry news focused on sustainability in the lighting sector.

Curated and edited by Ray Molony, the platform hosts articles, interviews, and opinion pieces from leading experts.



Covering themes like product design, remanufacture, eco-design policy, carbon reduction and other sustainability initiatives, Circular Lighting Report is widely regarded as an essential resource for professionals across the supply chain. The platform averages 30,000 impressions each month on LinkedIn, underscoring its growing influence and reach.

The report reinforces the organisation's central role in driving sustainable transformation across the sector.

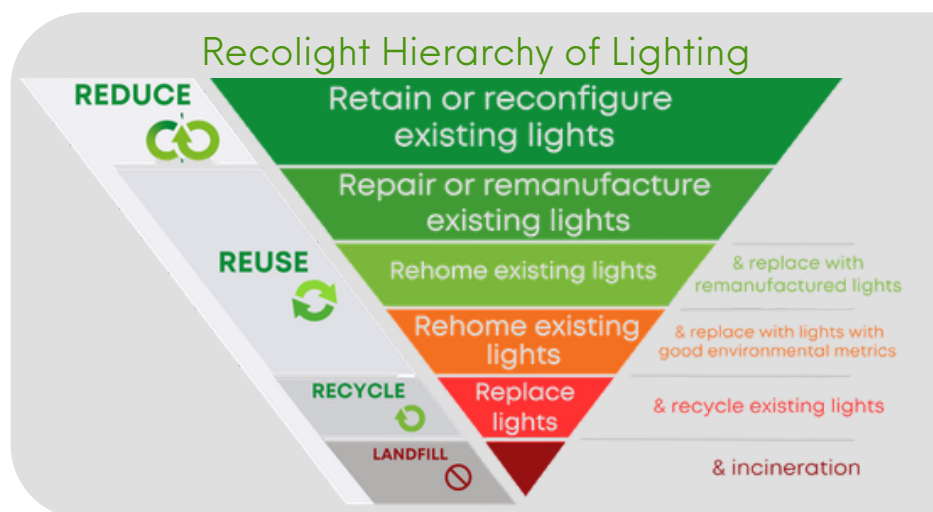
[View the Circular Lighting Report Archive](#)

# Facilitating the Circular Supply Chain

## Beyond the first life of luminaires

The need to no longer see luminaires as a single life product has been widely discussed in the Recolight Webinar series.

At Recolight, we recycle, but moving to a Circular Economy model, recycling is not always the best solution.



## Reuse of lighting

### Avoiding unnecessary recycling for lighting

The reuse of reconditioned light fittings is starting to become mainstream. Major commercial real estate developers, their architects and design teams are beginning to either reuse luminaires from a retrofit project itself and, in an increasing number of cases, use luminaires from a completely different building.

By extending the life of luminaires and lighting equipment, we not only reduce waste and resource consumption but also contribute to a circular economy. Reusing lighting products is essential for lowering environmental impact, conserving valuable materials, and supporting responsible business practices across the industry. Recolight is at the forefront of this transition, providing solutions and guidance to help lighting professionals embrace reuse with confidence.

### Collaboration with FIS Project Reuse



Recolight work alongside the Finishes and Interiors Sector (FIS) as part of Project Reuse. This collaboration brings together expertise from across the construction and interiors industries to support the recovery and redistribution of lighting equipment. circular economy.

By partnering with FIS, Recolight helps make reuse a practical and mainstream option for fit-out projects, enabling more organisations to participate in the circular economy.



### Creating confidence in used luminaires

Have you got a used luminaire with life left in it? Need a second opinion on its remaining life? Looking to save embodied carbon on a project?

Recolight provide the Used Luminaire Certificate for second life lighting products. The service aims to give lighting designers and end-users the confidence to specify re-used lighting.

Many projects generate unnecessary waste by replacing relatively recent lighting products with brand new fittings. Reuse is the easiest mechanism to prevent this, while extending product lifespans, and lowering embodied carbon.



# Lamp and luminaire recycling & recovery rates

## Luminaires

Where repair, reuse, remanufacture, refurbishment or upgrade are not possible, for technical or commercial reasons, recycling is the only sustainable option remaining.

The best way to increase collection rates for commercial luminaires is for specifiers that cannot specify remanufactured fittings, to insist, when purchasing new luminaires, that producers always take responsibility for the collection and recycling of the waste luminaires that arise.

## Lamps

Lamp collection rates in the UK have grown faster than any other waste electrical equipment category. The lighting industry is unique in taking such an effective, sector specific approach to waste and recycling. With electrical contractors, wholesalers and manufacturers working together, the industry can be justifiably proud of its recycling record, and this additional contribution to sustainability.

### Luminaire recycling & recovery

Recovered 98%

WEEE REGS TARGET 75% **ReCOLlight RECOVERED 98.24%**

Recycled 84%\*

WEEE REGS TARGET 55%

**ReCOLlight RECYCLED 83.75%**

Waste to energy

\*Percentage of load from sample of 3039kg mixed luminaires

Ferrous & Ferrous small 58.9%

Plastic 14.15%

Aluminium 8.72%

Copper Ballasts 4.94%

Shredder Residue 4.77%

Waste for smelter feedstock 4.74%

GRP/Fibre glass 2.30%

Zorba 1.48%

Waste to energy 14.51%

Landfill 1.76%

The WEEE regulations set a target for recovery and recycling that must be achieved by an Approved Authorised Treatment Facility (AATF).

The recycling rate achieved by ReCOLlight's contracted AATFs for lighting equipment and lamps exceeds the targets set.

### Material Recovered by Component

■ Recycled waste turned into new commodities  
■ Recovery energy from waste  
■ Landfill

