

We build what's next to light,
power and connect everyday spaces

2,133,657

Tonnes of CO₂e have been saved per
year using Levitons lighting, dimming
and control solutions.



1,280

Solar panels have been
installed on the roof of
our Lux Park head office.

Our ambition is to be
net-zero across all
business units by

2050

155,000 kwh

generated per year from our Solar
Panels, as well as offsetting 12.6 CO₂
tonnes per year.

The Lux Park grounds span over
250,000ft₂

allowing us to maintain strong stock
holdings on-site, providing next day
delivery for our customers.



21

Fire-rated downlights
are sold every minute
at JCC Lighting

JCC Lighting became
Carbon neutral across
the entire business in

2023

More than

Customer Case Study **JCC Lighting**

JCC | a **LEVITON**
company

Achieving consistent pallet load stability for fragile products

Delivering reliable results through innovation

The JCC brand is synonymous with innovation and cutting-edge lighting technologies for both domestic and commercial markets.

With a laser focus on continuously improving and growing their product range, reliability is at the heart of everything they produce.

Reliability is also at the heart of their Operations and Delivery strategy, with the aim of fulfilling undamaged orders every time. JCC wanted to work with a best practice Transit Packaging expert to help them achieve this.



The Challenge

JCC have sold more than 20 million light fittings since 2011 and became carbon neutral across their entire business in 2023 with the target of net-zero by 2050. Their processes and the products they use all drive towards this company goal. Helping customers reduce their energy consumption with their range of LED lighting, JCC are determined to reduce their own environmental impact with the packaging they use, specifically pallet wrap.

However, using less packaging can throw up challenges with increased product transit damages and failed deliveries, (especially for fragile lighting products) through unstable loads. JCC's goal was to be able use less pallet wrap without impacting customer deliveries.

20 million
light fittings sold since 2011

Carbon neutral business
since 2023

Target of
net-zero by 2050

The Solution

Acopia performed a **Load Stability Audit** at the JCC site using a number of pallets loaded with lighting products ready to be despatched. We ran like-for-like pallet wrap testing with their existing wrap against a series of our recommended high-performance wraps.

A Load Stability Audit reveals in numbers the containment force being applied by the wrap around the loaded pallet. This force is displayed as KG pressure and it's possible to compare these measurements to gain valuable insight into which pallet wrap will deliver the best load stability and containment force for a particular inventory.



The Results

Our aim was to reduce the amount of pallet wrap being used while still maintaining a similar, if not better load stability profile and containment force.

Our testing revealed we were able to reduce the gauge of pallet wrap film whilst increasing load stability by a significant

25.42%

We were also able to increase the number of pallets being wrapped per roll by

24%

**104 kilos
of CO₂ saved**

Being able to improve on these margins help to contribute to a robust and safe despatch and delivery operation, reducing single-use plastic and avoiding all the unnecessary costs of damaged products, recall and re-supply.



We are thrilled with the Load Stability Audit results as they give us real confidence that iWrap will be able to further reduce our carbon footprint with the plastic we use without an increase in failed customer deliveries. It is these sustainable marginal gains that keeps us on track for our net-zero goal.

JCC Lighting

