



PROJECT CASE STUDY

Greencroft Bottling



Capable of bottling 50,000 products per hour, Greencroft Bottling, part of the Lanchester Group, are one of the largest bottling companies operating within the European packaging industry. They are arguably the most technologically advanced in the United Kingdom. Kellwood's electrical and lighting divisions were tasked with upgrading one of our client's primary logistics and manufacturing halls.

Project Goals

Greencroft Bottling's interest in improving their lighting array's energy-efficiency won't come as a surprise to those who know them. As a group, one of their driving forces over the past two decades was to achieve a Carbon Neutral status. But why stop there? As of 2014, Greencroft are now officially Carbon Minus! This means they produce more energy than they consume.

Solution

Kellwood's design team relocated approximately 30% of the existing fittings, providing a more uniform layout and light quality. Energy expenditure dropped by 66% with a 100% increase in average lux levels.

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...Before the install, the lighting system in place was expensive, gloomy, and badly positioned for both our machine lines and associated racking... ..My concern in starting out was that LED as a technology was fairly new to me. I needed someone I could trust. Yes, I would recommend Kellwood.

L. West
Project Engineering Manager
Greencroft Bottling



High-Grade Series
Utility High Bay



Forecast Energy
Reduction:

≥ 66%