

Industry Case Study

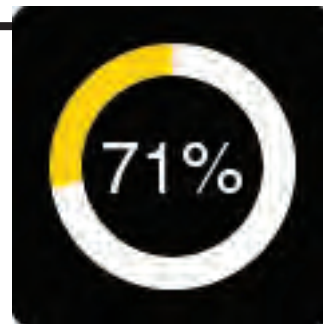
Nampak Plastics are the largest supplier of HDPE (plastic) milk bottles to the UK dairy market, with sales of over 2 billion bottles per year (more than 60% market share), and has a strong commitment to the environment and an ongoing policy of carbon footprint reduction.

Recent 'green' initiatives have included light-weighting of bottles (Nampak now produce the lightest bottles in the industry), and the inclusion of recycled material (currently at a level of 10%).

The natural extension from these activities is to focus on energy consumption and in particular energy efficient solutions, and Nampak have targeted a 10% reduction in carbon footprint (over a 12 month period).

CherryLux has been brilliant to work with. The solution was not disruptive to normal operational activity and the team has not only empowered me to deliver great carbon savings – my number one objective – but also to add significantly to the company's bottom line and reduce maintenance, whilst improving the working environment throughout the facilities. Needless to say, all of the Senior Management are delighted with the results and have now endorsed a roll-out of the solution to the rest of our sites

*~ Paul Hale, Project Manager
@ Nampak Plastics*



Can we help you too?

How CherryLux helped...

Nampak have now partnered with CherryLux to drive down the energy usage associated to warehouse, production and office areas.

CherryLux's energy-efficient lighting not only helps reduce the amount of energy consumed, but provides a much more pleasant working environment throughout the facility, leading to a safer workplace and improved quality

The first facility to benefit from the new lighting approach was Nampak's Oakthorpe site, at which a 71% reduction in energy consumption was achieved on the lighting circuits. This represents a 3.4% reduction in the whole of the site's carbon footprint.... a significant step towards achieving the targeted 10%! CherryLux and Nampak are now rolling the initiative out across the rest of Nampak's 8 sites.

Environmental Benefits

Annual CO2 Savings84.6 tonnes
Annual Energy Savings.....196,640 kWh

Operational Benefits

Annual Maintenance Savings.....£850

Financial Benefits

Annual Savings.....£17,495
Percentage Savings.....71%
ROI Period.....23 months
NPV (over 5 years).....£54,626
IRR (over 5 years).....108%
Monthly Cost of Delay.....£1,458