



**SITE WIDE LED LIGHTING UPGRADE**

# Offset Print & Packaging

## The Brief

Site wide LED Lighting Upgrade at Offset Print & Packaging Project

Offset Print & Packaging design and manufacture high quality, bespoke printed cartons and greetings cards from their warehouse in Aylesford, Kent. They approached NCS Technology to design and install new LED Lighting to create a brighter space to enhance productivity, improve safety and reduce energy use. This would not only save money on their energy bills but also reduce their Carbon Footprint as part of their Environmental Policy. This was all carried out with the benefit of LoCASE funding.

## The Solution

The existing ageing fluorescent lights within the building were failing and maintenance becoming expensive. NCS Technology provided Earlsmann Lighting LED light fittings across the site. In particular, Portsmouth non-corrosive LED light fittings in the Print areas to enhance light levels. Light fittings had to be non-UV emitting due to printing inks used in the process can cure if subjected to UV. PIR sensors were fitted in low use areas to maximise energy savings.

## Benefits

The energy savings and financial savings of installing the LED Lighting were huge.

Energy use dropped by 183,677.76 Kwhs per year, saving approx. £18000 per year and 98 tons of CO2 per year.

Key Benefits:

1. Significant energy and CO2 savings
2. Reduced long-term maintenance costs
3. Improved overall working environment, comfort and productivity
4. Quality of lighting enjoyed by staff
5. 5 year parts warranty

*“Changing to LED lights has made a massive difference to the quality of lighting in the building and has also helped us address our carbon footprint by reducing our electrical usage. Offset Print & Packaging take our environmental commitment very seriously and we are constantly researching ways of reducing our footprint. With NCS we feel we have found the right partner to advise and guide us through this process. The NCS electricians that installed the lights were all competent and friendly and willing to make changes that we requested as they went along. We will be requesting quotes from NCS for all future electrical work.”*

**If you are looking to make energy and cost savings by changing to energy-efficient LED Lighting, call us to request a free no-obligation site survey on **01622 769692** or email **[info@ncstechnology.co.uk](mailto:info@ncstechnology.co.uk)**.**