

LogoBugs LED Lighting Project

Grant
awarded:
£3,453.45

Estimated
Annual Savings:
**£2,870 /
11 tonnes tonnes
of CO₂**

Project cost
£8,633.58

Estimated Savings
£2,870 / 11 tonnes of CO₂ per year

Equipment / Installer
98 LEDs – Low Energy Solutions

The Project

LogoBugs is a trade only supplier of promotional merchandise based in Christchurch. Their factory space has low levels of natural light, a large light demand and long operational days, making it an ideal candidate for an upgrade to LEDs. In a drive to reduce bills and environmental impact the firm replaced 111 light fittings with 98 LEDs. This upgrade reduced their carbon footprint by 25% and will save them just under £3k a year!

Getting started

With their old inefficient lighting in desperate need of replacing, LogoBugs approached a local supplier for quotes to carry out the work. Here they learnt about the financial and environmental benefits of upgrading to LED lighting. With this recommendation they contacted Low Carbon Dorset to find out what support was available to help fund the switch.

After a detailed energy report conducted by Low Carbon Dorset's technical officer Erik, it was clear that LEDs would be a great opportunity to make large carbon and cost savings for the firm.



Already a member of the Woodland Trust's Carbon Capture Programme, this move to LEDs helps LogoBugs reduce their environmental impact further and at the same time saves money on their bills.

LED Lighting

As with many factory environments, LogoBugs' working areas are artificially lit throughout the entire working day. Most of these lights are fluorescent tubes, with a small amount already upgraded to LEDs. The upgrade of all of LogoBugs' remaining lighting involved replacing 111 fittings with 98 LED equivalents at a cost of £8,633.58. Grant funding from Low Carbon Dorset brought this spend down to £5,180. The annual savings made from reduced electricity costs will pay back this investment in just under 2 years.

Other recommended measures:

Other opportunities which could help reduce LogoBugs' carbon emissions include the possible installation of solar PV panels on their roof space, and, depending on the size of the PV array installed, potential battery storage opportunities. LogoBugs can apply for additional grants for any of these measures until the close of the Low Carbon Dorset programme.



'The installation of LED lighting has been very successful. All the discussed benefits and savings have been achieved and we will continue in our objective to reduce our Carbon footprint. Low Carbon Dorset made the whole process simple.'

Don Grace, Managing Director – LogoBugs

