



ENERGY OASIS

Case Study

Cepac

Customer: Cepac

Technology: Intelligent LED

Outcomes: Great light quality, fantastic controls and bigger energy savings than ordinary LED

PROJECT OVERVIEW

As part of a group project to look at enhanced light levels and energy reduction, CEPAC invited Energy Oasis to quote on a new extension in Doncaster.

LED INSTALLATION

We conducted a free no obligation survey and designed an intelligent LED lighting solution. The design had 30% less lights than a previous design they had done. We quoted for a turn key solution. Which Cepac accepted.



PROJECT BACKGROUND

Cepac are an independent corrugated packaging producer. They have 4 sites in the UK. The site at Doncaster erected a new warehouse. The M & E contract had been awarded when we first went to visit the site. They were convinced on the benefit of working with Energy Oasis for the lighting after visiting a printing site that Energy Oasis had recently completed. Energy Oasis won the lighting aspect of the project.





THE SOLUTION

Energy Oasis installed 20 Lumi-Optima fittings. Each fitting has its own control including daylight harvesting and PIR motion sensors.

RESULTS AND OUTCOME

The new extension has a lux level of 350. The new lights are very rarely on as a result of the independent controls in each fitting. They only run at full power when it's dark, due to the large roof lights in the new extension. There are 30% less fittings than the original design from the M & E contractor. Cepac used their Enhanced Capital Allowance (ECA) to claim 20% back against the cost of the installation to achieve a further saving of 20%.



CUSTOMER FEEDBACK

"The new lights are really good, we particularly like the controls on each light. When we drive in, we only light up where we need to work."

Danny Brewster, Manager.

"We went with Energy Oasis as they clearly understand LED lighting better than anyone else we have engaged with. The intelligent controls make so much sense, we will be looking to do this at more sites."

Richard Walton, Managing Director.



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****If this building had been lamped in sodium's the total energy saving would have been 94%**