

## ABC Racking, Birmingham

ABC Racking specialises in heavy duty pallet racking systems. Operating from a massive 100,000 square foot warehouse in Aston, Birmingham.

The company approached Ocip Energy looking to reduce the lighting costs within their warehouse and to improve the lighting for their staff. Initially, ABC Racking had experimented with a number of Far Eastern LED products, but were not satisfied with the quality and warranty being offered. They were also keen to deal with a UK based company who could discuss their requirements.



### Summary

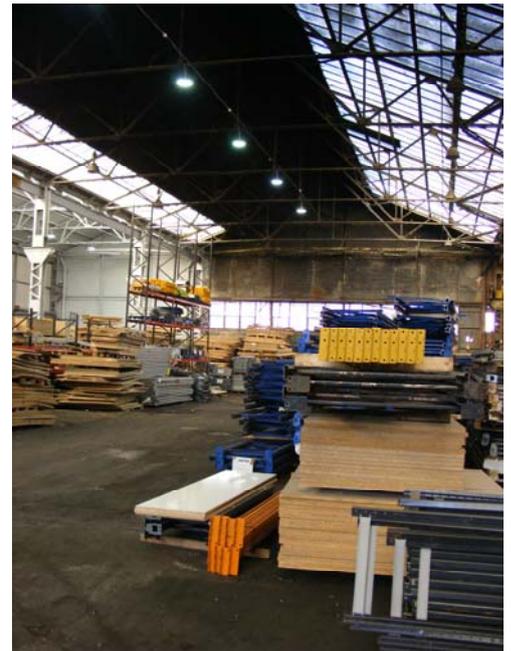
Number of fixtures – 50

Replaced – 400W Metal Halide High Bay with 150W LED HB2

Mounting height – 11 metres

Energy reduction – 70%

Carbon Trust Loan secured



## Warehouse Case Study

Following a detailed site survey, and lighting model was presented and the Dialight HB2 150W LED High Bay was proposed by Ocip Energy. We were also requested to assist with an application for a Carbon Trust Loan.

Due to the quality of the UK produced HB2 fitting, the Carbon Trust loan was granted in March 2011 and an order was immediately placed with Ocip Energy for 50 Dialight HB2 150W LED High Bay lights. These were shipped and subsequently installed by the ABC Racking electricians during the summer of 2011.

The first thing that the staff have noticed since the installation, is the vastly improved quality of the lighting, which at times could be very poor under the previous 400W Metal Halide High Bays. The second thing that has been commented on has been the restrike speed, since the older fittings used to take nearly 20 minutes to reach their full brightness. With the LED High Bays, the lighting comes on instantly.

ABC Racking were very pleased with the results and are now looking forward to reaping the benefits of the 70% reduction in energy costs from the lighting. The LEDs have been installed with plenty of time to maximise the benefits over the winter period, when the lighting will be on constantly during working hours.

**REDUCE**

operating & maintenance costs

**FAST**

return on investment

**REDUCE**

carbon footprint and costs of carbon tax

**IMPROVE**

light quality