



European Exhaust & Catalyst



Industry Case Study



EEC started manufacturing exhausts in 1973, and specialised in the manufacture of stainless steel catalytic converters for European cars from 1997. EEC are the largest manufacturer of aftermarket catalytic converters in the UK with over 35 years experience, stocking over 4,500 different applications, the majority of which are EU 103R Type Approved.

CherryLux performed a free lighting survey to assess what savings could be made, it came apparent that significant savings could be made with the inclusion of daylight and motion sensors to be added to the lighting solution. As large amounts of racking of stock were unoccupied for large amounts of time during the day, wasting electricity.

We have been really pleased with the installation from CherryLux and have seen significant savings in our energy bills especially over the winter months. We had large areas of the factory especially above the mezzanine flooring where the racking is that were not used for large parts of the day.

The new lights with the built in sensor technology have made a huge difference towards our energy saving goals.

The new lights run off half the connected load of the old lights with further savings using the PIR sensors, we have noticed reduced maintenance costs over the first year.

~ Paul Clark, Managing Director @ European Exhaust & Catalyst Ltd

Can we help you too?

How CherryLux helped...

CherryLux replaced the existing 88 (T8 Fluorescent fittings) with an reduced number of 74 CherryLux energy-efficient lights, each of the individual lights has it's own built in daylight and motion PIR sensor fitted for further energy savings.

The new lights were repositioned to incorporate the newly installed racking, and the reduced number of vapour proof batten fittings have helped to reduce the energy consumption by 83% as well as increasing the average lighting levels with a uniform spread of light. EEC has seen a reduction in their energy bill of £3,414 per year, saving 15 tonnes of carbon emissions annually.



Environmental Benefits

Annual CO2 Savings 15 tonnes
Annual Energy Savings..... 31,126 kWh

Operational Benefits

Annual Maintenance Savings...£500
Increased Lux..... 23%

Financial Benefits

Annual Savings£ 3,414
Percentage Savings..... 83%
ROI Period.....16 months

