

Industry Case Study



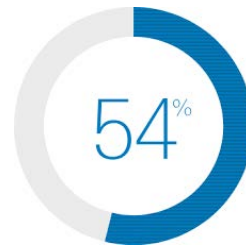
Electrical components engineered to the highest possible standards. Since 1952, the de Laszlo family have been dedicated to delivering the ultimate in quality. So much so, we manage the whole manufacturing process in house, from R&D to packaging. We even develop our own fixtures and assembly machines. Over the last 60 years our active portfolio has grown to feature 20,000+ interconnects and PCB hardware items.

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. Some areas were unoccupied for large amounts of time during the day, wasting electricity.

We have been really pleased with the lights we brought from CherryLux and have seen significant reduction in our energy bills. When areas are unmanned the new lights switch themselves off until movement is detected, which helps reduce our electrical consumption as well.

The amount of fittings we had previously has been reduced by half and we have definitely noticed savings for the reduced maintenance of the new lights that have been installed.

*~ Rob Coldrick, Senior
Process Manager @ Harwin PLC*



Can we help you too?

How CherryLux helped...

CherryLux replaced the existing 80 (Twin 70w -T8 Fluorescent fittings) with an reduced number of 38 CherryLux energy-efficient high bay 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 machinery, and the reduced number of high bay fittings have helped to reduce the energy consumption by 47% as well as increasing the average lighting levels with a uniform spread of light. Harwin has seen a reduction in their energy bill of £3,312 per year, saving 11 tonnes of carbon emissions annually.

Environmental Benefits

Annual CO2 Savings 11 tonnes
Annual Energy Savings..... 20,030 kWh

Operational Benefits

Annual Maintenance Savings...£ 800
Increased Lux..... 27%

Financial Benefits

Annual Savings£ 3,312
Percentage Savings..... 54%
ROI Period..... 29 months