



FRAZER-NASH  
MANUFACTURING



## Industry Case Study



Frazer-Nash Manufacturing in Petersfield provides design, manufacturing, and precision engineering services to a wide variety of industries, with particular focus on food manufacture and aerospace. From their engineering facility and headquarters in the UK, they serve major clients around the world. Earning their reputation for technical innovation and high quality.

Frazer-Nash Manufacturing were aware that potential savings could be made on lighting and approached us as their local Carbon Trust Accredited supplier. Cherrylux performed a free lighting survey to assess what savings could be made, it came apparant that significant savings could be made by switching across to an LED lighting solution, along with reducing the number of light fittings we also helped to reduce maintenance costs moving forward.

*"When we decided to switch our factory lighting to a more energy efficient system we approached CherryLux. Gary and his team installed new LED lights to the Workshop creating not only an energy and cost reducing system, but also an aesthetically pleasing appearance. The lighting has improved working conditions on the factory floor. We could not be more pleased with the work that was carried out. The professionalism and speed was second to none."*

Hayden Weeks  
Workshop Manager



## Can we help you too?

### How CherryLux helped...

CherryLux replaced the existing 67 (SON fittings 400w) with 54 CherryLux energy-efficient LED UFO High Bay fittings (200w each) in the work shop areas. We also replaced the 600x600 PL lamp fittings (60.5w) across to CherryLux energy-efficient LED panels (29w) in all the office areas. In low accoupancy areas we also included the installation of PIR detection sensors for further savings. The new LED light fittings have not only asthetically improved the appearance and atmosphere of working areas, they are also set to reduce the energy consumption by 68% as well as increasing the average lighting levels with a uniform spread of light. Frazer-Nash Manufacturing are forecasted to see a reduction in their energy bill of £8,007 per year, and a proposed annual saving of 31 tonnes of carbon emissions.

#### Environmental Benefits

Annual CO2 Savings ..... 31 tonnes  
Annual Energy Savings..... 56,682 kWh

#### Operational Benefits

Annual Maintenance Savings...£1,670  
Increased Lux.....17%

#### Financial Benefits

Annual Savings .....£ 8,007  
Percentage Savings..... 73%  
ROI Period..... 23 months

