

AES low energy lighting project saves 48% in annual lighting running costs

SERVICE: Low Energy Lighting

AES's review and replacement of old lighting with low energy alternatives, reduced annual kWh consumption by 53,928 (48%) and annual CO2 consumption by 28,291 (48%) and saving £4,313 (48%) in annual running costs. What's more, the working environment was transformed whilst generating a ROI within 16 months.

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I can't begin to tell you how pleased we are with the improvements AES made. Not only have they saved us money within a very short space of time, they've also created a better working environment with brighter, more uniform lighting.

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John Armitage, Bibby Turboflex

CHALLENGES

Engineering solutions innovators Bibby Turboflex were spending too much time, money and effort on the constant maintenance of the old sodium light fittings in their manufacturing area. In addition this outdated lighting technology was not only consuming large amounts of energy to run, it was also not conducive to a really well-lit working environment.



SOLUTION

After a full review of the existing lighting, AES replaced each old fitting with 4 x 55w PLL fittings. It wasn't necessary to replace or modify the existing wiring. As a result, illumination levels increased, giving employees a more effective space to work in. Maintenance requirements were reduced and consumption costs plummeted, saving Bibby Turboflex £4,313 per annum in running costs. The entire project provided a return on investment within 16 months. All work was tested and certified to BS7671.

ABOUT

Bibby Turboflex is a leading innovator in high performance flexible couplings and engineering solutions for rotating equipment, with over 80-years experience.



Empowering Performance

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