



### **Case Study – Electrical Solutions**

Kore Solutions has recently completed a range of maintenance work for Robertson Facilities Management, successfully delivering both reactive and planned maintenance for schools and nursing homes throughout the North East. Although Robertson FM have a team of electricians, Kore Solutions was selected as a trusted partner in order to share and use their key industry skills and expertise when performing these large scale jobs.

Kore Solutions recently provided electrical work for a local Aberdeenshire Academy, when they replaced the old and dated fluorescent lighting with new LED lighting.

LED Lights are successful and effective for a variety of reasons. Although initially more costly, these high tech, industry leading lights provide substantial savings over the long term. While fluorescent lights last up to an impressive 10,000 hours, LEDs can last up to a staggering 60,000 hours. This can provide substantial savings as a result of fewer lamp replacements and less maintenance required. LED lights also prove to be more pleasing within working environments. Unlike their counterpart, LED lights produce warm, instant bright colours, silently, which is welcoming and easier for the working and public conditions that these lights are often used for.

Also favourable is how environmentally friendly LED lights are. Fluorescent lights contain a small amount of the hazardous chemical mercury. LEDs are completely safe and do not contain such poisonous materials, putting users at ease while knowing that they are not contributing to pollution. LEDs also consume far less power than fluorescent tubes. While fluorescents are an energy saving light compared to incandescent bulbs, when contrasted with LEDs there really is no contest. LEDs use less electricity which is better for the environment and your pocket.

Worth around £35,000, the project completed by Kore Solutions, involved fitting the three storey building with environmentally friendly and cost effective LED lights and emergency lighting. Overseen by Electrical Solutions Manager, Davie Grieve and worked on by three of the expert electrical engineers, Kore Solutions delivered the tight project deadline of completing the work over the two week October Schools Break.

The project was delivered ahead of schedule and within expected budgets and both Robertson Facilities Management and the local school were very happy with the completed project.

Alongside this project, Kore Solutions has delivered various other electrical solutions in partnership with the expert and industry leading facilities management company. This has included both long term projects similar to this, as well as reactive and quick response electrical solutions that require much quicker turnarounds.

**To find out more information about the energy and cost saving benefits you can enjoy from LED lights, please contact Davie on [dgrieve@kore-solutions.co.uk](mailto:dgrieve@kore-solutions.co.uk).**